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SATURDAY, AUGUST 23, 1851.

Two Numbers, 1s.

THE LIBERTIES OF EUROPE.

LIBERTY and Independence are passions among the three great nations of Continental Europe. France clamours loudly for the first, while Italy and Germany clamour as loudly for them both-But does France, which loves liberty with a maduess or an enthusiasm proved by the blood and tears of upwards of sixty years, siasm proved by the blood and tears of upwards of sixty years, really understand what the word means? or are Italy and Germany better fitted than France to appreciate and enjoy the freedom which they crave, or the independence which is the day-dream of their most ambitious and generous spirits? We may be permitted to doubt, in all these instances, whether the struggle which now rages over Europe with more or less intensity, is not the commencement, rather than the close of a series; and whether each of these celebrated nations has not a great deal to learn and to suffer before the mass of the neonle can hope to exercise even the commonest. celebrated nations has not a great deal to learn and to suffer before the mass of the people can hope to exercise even the commonest rights of free citizenship. There seems to be something wrong with them all. There is an impatience which spoils the best laid schemes, and frustrates the most admirable intentions; and an ignorance of the first principles of popular tranquillity and social progress, which renders all government practically impossible, but that species of government which is effectual with mankind in the rudest state—the government of brute force.

It is somewhat humiliating in this highly polished Europe, in-

in the rudest state—the government of brute force.

It is somewhat humiliating in this highly polished Europe, instructed as it should have been by the wisdom of four thousand years, to make such a confession. But the truth is as we state it. Scarcely three summers have passed away since the kingdoms of the Continent were shaken to their foundations by a succession of po-Comment were spacen to their foundations by a succession of po-pular insurrections, bursting one after the other like the reverbera-tions of an alpine thunder-storm. Nation after nation, which either smarted under the yoke of domestic oppression or of foreign misrule, or imagined that it had grievances calling for so perilous a misrule, or imagined that it had grievances calling for so perhous a force; and every man of mature age either is, has been, or remedy, overthrew its Government and sent its King and Ministers into exile. In no case has the result been satisfactory. If we warfare has been carried on in the name of public tranquility; wictories of Napoleon are the events which reflect the highest remedy, overthrew its Government and sent its King and Ministers into exile. In no case has the result been satisfactory. If we

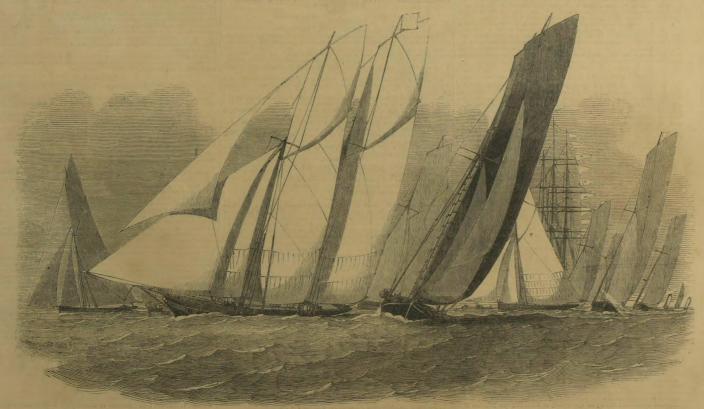
that the indirect and upper cases, inglesced a some offer horrible vision than ever before took shape amid the clouds and smoke of revolutions, have united against the anarchists and the popular heroes of the carrefours; and that the people—in the widest sense of the term—who, before that era of ple—in the widest sense of the term—who, before that era of social hurricanes, were to some extent free to think, to write, or to speak, have been deprived of the little liberty they enjoyed; and that a stern, unflinching, if not sanguinary despotism, has been established upon the ruins of the past. In the midst of an age more highly civilised than any other of which the annals of mankind offer us any record, the sword has become the supreme arbiter of mundane affairs. The cities of Europe are filled with armed men, their walls bristle with cannon or with bayonets, war-banners flaunt in the public squares, the music of the drum and the trumpet is heard above all the ordinary bustle of populous places, and men are so occupied with warfare, music of the drum and the trumpet is heard above all the ordinary bustle of populous places, and men are so occupied with warfare, or with the fear of it, that the cultivation of the fields and the gathering of the harvest is left to the women and the children. What hope is there of the liberties of any nation that keeps up an army of half a million of men? Every year, every month, nay, every week and day, that such a mighty multitude is maintained at the public expense, and prevented from employing its skill and industry in the rational and useful occupations of life, is a stumbling-block laid in the way of present and future happiness and freedom. Such is the state of France—such is the state of ness and freedom. Such is the state of France—such is the state of Germany—and such, with the difference that the armed men are, for the most part, foreigners, and not natives-is the state of Italy

In the case of France, the worst feature is that the people do not consider this formidable army as any particular nuisance. The national vanity is flattered at the idea of such a splendid military force; and every man of mature age either is, has been, or

that the middle and upper classes, frightened at some more lustre upon the French name, and make them the foremost nation in the ranks of the world—and when we add to this the equally significant facts, that they have nothing else to be proud of; that they are what may be called a "self-contained" people; that their commercial resources are in an inverse ratio with their military operations and resources; that they have overthrown without building up; and that they have scarcely an institution that is a quarter of a century old, we see at a glance that French liberty may be much spoken of, but must be little understood. In fact, we are afraid that every Frenchman interprets "liberty" to mean liberty for his individual self, but the slavery of every other person whose theories or practice might interfere with his own; and we are impressed with the sorrowful conviction, that France is, after all, but a semi-barbarous nation, splendid, no doubt, but rotten and unsafe; having all to learn and much to endure before it can be really fitted for the enjoyment of equable and rational

The condition of Germany is almost equally humiliating to those who look to the social progress of Europe. A military despotism has succeeded to anarchy; and the phantom of a Democratic and Social Republic, which has scared the rulers of the people, and Social Republic, which has scared the rulers of the people, and infected the bulk of the middle class with a preposterous alarm, renders the despotism of the sword comparatively easy, by lending it the support of all those classes which have anything to lose by change or commotion. Even the German Fatherland—that ideal unity, so beautiful in songs and in theory—loses its attractions when this grim spectre is evoked; and Germany keeps up a multitudinous army against herself, and postpones indefinitely the freedom which such an assemblage of intelligent nations has a right to expect.

The case of Italy is different, and perhaps more deplorable;—for the French and the Germans, if they suffer a despotism, have im-posed it upon themselves. The tyrants of France are, at all events, Frenchmen; and those of Germany, Germans. Not so in the fairest portions of Italy, where the oppressors are foreigners, and infuse an additional bitterness into the draught of the popular de-



THE ROYAL VICTORIA VACHT SOUADRON REGISTA. - THE "FERNANDE" AND "ANACONDA" PASSING RYDE, - (SEE NEXT PAGE,)

gradation. In Italy there is such an array of swords and bayonets, that it would seem as if the "whole duty of man" were to enact the soldier, and that the more useful business of life—to plough, to till, and to reap—was the sole duty of woman. Freedom is impossible in such countries as these; and independence, though it may have an existence, externally considered, is of little value when purchased at such a cost.

There is in reality but one country in Europe where men do men's work, and that is our own. The military manin does not afflict the English; and hence, in our fortunate position—surrounded by seas that enemies dare not overpass—we have leisme and opportunity to labour and to think, to increase the sum of human enjoyment and human knowledge. Our former military prowess has cost us so dear, that we have no desire to exhibit it again, but are well contented, amid the evergreen laurels formerly won, to turn our attention to nobler things—to consolidate the liberties we have gradually acquired, and to extend our name and fame, our wealth and influence, over every portion of the globe.

It is the misfortane of the nations of Europe, that their social and political education is so incomplete, that they cannot imitate such an example; and that the impatience, the impulsiveness, the turbulence, and the ignorance of the people, render them, to a great extent, unable even to understand what they mean by the freedom for which they have struggled so long. Doubless, they will learn something of it by and by. Such stappendous armies as they maintain must inevitably become burdens too mighty for them to bear; and national bankrupticies will, unless a change take place, be as frequent in a short time as revolutions were in 1848. Deficits increasing yearly in amount will open their eyes, and a new phase of needful experience will develop itself before them. As yet, the revolutions, attempted or accomplished in past times, have done nothing for the Continent but to transform the bulk of the male population into soldie

THE ROYAL VICTORIA YACHT SQUADRON REGATTA. SCHOONER MATCH FOR THE £50 CUP.

The great feature of the Regarda was the above match on Friday (yesterday week), the most striking point of which our Artist has depicted on the preceding

be only race on the card (the second £50 Prize Cup not having filled foodbole only being entered for the same) was the £50 Prize Cup for and af schooners, the property of members of the Royal Victoria Yachi, the course being from the string vessel to the westward of the two red or off the Brambles, round the Calshot light-vessel, thence passing to the ward of the chequered and white buoys off the Brambles, then round the light slip, always passing outside the No Man and Sandbeat buoys, and in light slip, always passing outside the No Man and Sandbeat buoys, and in

ngo. The yachts entered for this race were as follows:

Yeshs.

Yeshs.

Tomas Rutherford, Esq.

Princess Olga.

50.

Thomas Rutherford, Esq.

Fernando.

125.

Major M. Martyn

Blancs.

31.

G. Webster, Esq.

Anaconda.

101.

Sir Charles libetson, Bart.

Benita.

65.

Colonel W. L. Freestun.

of these yachts have attained considerable celebrity, particularly the de, belonging to Major Mountjoy Martyn: and, as the object was to class y ressels whose powers were as nearly as possible uniform, the Princess of the Renita were withdrawn.

ROYAL YACHT SQUADRON REGATTA.

els of the Royal Yacht Squadron commenced their annual trial of skill in sailing on Monday, at Cowes (Isle of Wight), with the most fa-wather, which lasted throughout the week. During the morning, the schis dotted the Scienciar and Medina, several of them being decised in schist worm at the statemer. The American Decision of the Science of the bottless were at the statemer. The American Decision of the Science of the Scie

Arrow	**	**	1000 611	3	48 11	
Freak				3	51 45	
Bacchante	200	- **	4.0	4	12 50	
On arriving off this po	int the	Gondola ;	gave up a	nd took no	further par	t in th
itest. The yachts can	ie in as	unier:-		AL CLEMENT	1600	

o'clock the Fairs returned from her short craise, and

ind vessel. There is some talk or a unymor, and vessel. There is some talk or a unymor, and the week; the weather beautinf, and it was the general opinion that so many yachts were never my former period seen at that station.

If you have the station of the station of the week is the weather weather than the weather were never my former period seen at that station.

menced on Monday; Glascomb, Derby, and Tuniton, on Tuesday; and Lynn and Stirling or Thursday.

REGALTA.—On Tuesday, the Tower, Windsor and Eton, and the Royal-Western Yacht Club; Wednesday, the Norwich, Richmond, Worcester, and Perth; Friday, the Torbay and Wigtown; and Saturday, the Glascow.

CRICKET FIGURES.—Monday, at Stanford, Trentham Park, and Copenhagen Honse; Tuesday, at Malling; Wednesday, at Streatham and Sevenoaks; and Turraday, at Southwell Richoton.

TATTERSALL'S.

MOSDAY.—The run was almost seclusively on Nancy, who found so many admirers for the great events at York, that she becam I first favourits for each. If we add that Hernandez, who had receded a couple of points, again became the premier for the St. Leger, we shall have said all that is necessary in the shape of introduction.

premier for the St. Loger, we shall have said all that is necessary in the saw of introduction.

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AUGUST YORK MEETING.—WEDWERDAT.

By the various lines of railway, an immonse number of passengers have been reyed to the city of York, and the streets this morning were almost impassable numbers, therefore, will ensure success, this will be one of the most brilliagetings ever held at York, and that it will not want good sport, and plenty to make it so, the list for the three days places beyond a doubt. The weak dull and threatening, and the strendsnoot for fullest we have seen on the first formany years.

ovs sach.—Lord Zettaury manupuns (d. Marson), N. Ber, Inducts & Sections, W. Sharpe), 2.

The Yorksmark Oaks of 15 sovs each, with 100 added.—Mr. Davidson's Vivanière (A. Day), 1. Lord Derby's fris (r. Bauler), 2.

The Yarkox or Wash's Stakes of 10 sovs each, 95 senorits, 2.

Di marrie out of Sorelle's sover each, and 100 sovs of the second.—Mr. Zherr (A. S. Marson), 2.

Lard C. Marson, 1. Lord Egilnton's Gussia, 2.

The Oart Stakes, 1. Lord Egilnton's Gussia, 2.

The Oart Stakes, 1. Lord Egilnton's Gussia, 2.

The Statins Stakes of 30 sovs each, Lord Zetland's Augur, 1. Mr. Stebbing's Young Hawthorts, 2.

The Statins Stakes Stakes sovs each, and 35 added.—Mr. Meiklam's Border 30, 1. Mr. Syke's Palmeres, 2.

THUSBAIT.

HUNGERFORD MARKET REGATTA.—The annual regatts at Hun-ford Murket, in hunour of the birthday of her Royal liighness the Duchess o ont, took place os Monday, and was superior to any which has occurred on the ars. The metch was in three heats, with ten competitors, and attracted man ars.

STEAM TO INDIA.—The Bombay papers received this week state that

es. as carried into execution on Tuesday Care, who was tound gunty, at the last as-

FOREIGN AND COLONIAL NEWS.

net of such dreaming "latonaries that brings the noble of contempt, and gives to the oppressors of the people a them of treadom.

Republic has given 1000? for the relief of the inhabitants unfered by the late inundations.

has dissolved itself. It was composed of Legitimise, risks; but, as they are no longer united in object, it was marked.

commenced preparations for the selection of can-

UNITED STATES.

WEST INDIES.

The usual monthly mail brings accounts this week from Jamaica to the 29th

ultimo.

Cholors was still at its deadly work in the interior; and in many partities where it had disappeared it had again broken out, and was carrying off its victum daily, the maledy befining the skill of the dectors.

From the other brands there is no news of interest, "the Bermudian publishes a number of garagraphs which show that Bermudia is "coming out strong."

INDIA AND CHINA anticipation of the Overland Mail, and Hong-Kong, June 22, have reach

us he repays at once the moneys due to the Government of India, with in-st at 6 per cent. The districts of country about to be absorbed are, it is said hose on the other side of the Kishna river, Bachore, and Neijdroog

in a very slicit time. Analy of the health of Europe are in so long prevalent of the state of the health of Europeans is unarrered in the hill stations in the north-west prove accommodation of a large body of Europeans in ure to be constructed, at the expenditure of the state o

ASCENT OF MONT BLANC.

as following extract from a letter received from Mr. Albert Smith, who has seeded in effecting the perilons ascent of Mont Blanc, courseys an idea of the utilities of the Rati-

Nearly fifty refugee Hungarian officers and soldiers recently arrived at New York, in the ship Decombine.

AGGREGATE MEETING OF ROMAN CATHOLICS AT

ST. D. Gregg, minister of the Established drove up in a close carriage to the Rottrance. This was, however, refused; and as one of Paplats and not of Catholics, e off rapidly along Great Britain-street, iage with mad.

is the said, but said he would have considered to unconcernate to that occasion. (Cheera.)
Mostry, Bart, of Lancashire, seconded the resolution. He should why he, a stranger, occupied so prominent a position there. He had at he solutation and, on the invitation which the committee had sent the United Kingdom, to say that the Catholics of England Joined in protesting against the guaranteent of penal measures—against are formed and the conduct of the White Prime Minister and above, all against the conduct of the White Prime Minister and above, all against the conduct of the White Prime Minister and above, all against the conduct of the White Prime Minister and above, all against the conduct of the White Prime Minister and the conduct of the White Prime Minister

solution was put, and carried unanimously.

Ost Rev. Dr. M'Hale, Roman Catholic Archbishop, moved the next
a, and was received with tremendous cheers, and waving of hats and

Michael Sullivan, M.P. Kilkenny.

The motion was seconded by Mr. Bianconi, and adopted by the meeting.
Mr. Vincett Scully, M.P., moved,
That the committee be charged to prepare and publish an address to the Catholics of the
United Kingdom on the present position of Catholic affairs.
Mr. John Eswson, of Laucashire, seconded the resolution, which was carried
unanimonals.

ded the resolution.

moved the next resolution, as follows:

moved the onety upon the cordial unsnimity of feel to be common upon the cordial unsnimity of feel to between Catholic nobility, hierarchy, clergy, and laid

The convict, Mary Rogers, who was condemned to death at the last Shrewsbury assizes for the murder of her child, has been respited during her Majorty's pleasure.

His Grace the Duke of Richmond, who has lately contributed so liberally to the Chichester Maseum, and from Goodwood, last week, three more access of surfed bids. Among others, there are fine specimens of the black grouse, male and female (a valuable addition to the collection), and very beautiful specimens of the Guinca parrot and ultra-marine finch.

FESTIVITIES AT THE RHONDDA VALLEY COAL-

FESTIVITIES AT THE RHONDDA VALLEY COAL-WORKS.

In coal-mining works, the veriest tyro in such matters need scarcely be told, that "winning the coal," or striking the seam in sinking for coal, is a very important stage of success. It is customary, therefore, to celestate upon good fortune by a 7/2¢ to the persons employed on the estate; and a most joyous scene of this description has just been enacted at the extensive works of John Calvert, Esq., on the Rhonds branch of the Taff Vale Railway, near Newbridge, in the county of Glamorgan. Here Mr. Calvert has just succeeded in obtaining coal of a most valuable description in a pit which he has sunk; and he resolved to commemorate the auspicious circumstance by enabling the whole district to participate in his triumphs over difficulties which many had deemed insurmountable. With that view he took measures for regaling all his workmen, their families, and a very large number of friends, at a banquet, which should posses some rare and novel features. By his instructions, Mr. Spencer, of Taff's Well, purchased a Hereford ox, one that won a prize at Sir Charles Morgan's show, which weighed upwards of forty-four score pounds, and which was roasted whole in an immense oven built expressly for the occasion, upon a principle suggested by Mr. Calvert views, and a committee, comprising the most respectable and influential inhabitants, was formed to assist in carrying out matters of detail. Thursday, the 14th instant, was the day fixed for the characteristic festival. About one o'clock, a procession was formed at G-llywastad (Mr. Calvert, econpained by several friends. Pontypridd tracesmen, with red rosettes. Two union-jacks. The Cardiff band. Master Calvert, in a gally-decorated chair, borne on the shoulders of eight workmen; tradesmen and other residents in the districts. Two bunners. Workmen, three abreast. Workmen with emblems. As the procession passed along, the discharge of cannon from various points reverberated through the valley, and the enthusiasm of the people broke

is the No. 3 Yent—so cerebrated for the most substantial character, and remarkably well finished.

The most liberal provision had been made for the thousands of persons present. The privileged company was seated under the marquée. Mr. Calvert coupled the chair. At the close of the repast, the chairman gave the most loyal and constitutional toasts.

Lewis Morgan, Esq., of Hafod, proposed the health of Mr. Calvert, which was drunk with acclamations.

The Chairman returned thanks, and in the course of his well-timed address remarked that the trade of those valleys had been aided to a remarkable extent by the noble and splendid docks formed at

gave the most loyal and constituents.

Lewis Morgan, Esq., of Hafod, proposed the health of Mr. Calvert, which was drunk with acclamations.

The Chairman returned thanks, and in the course of his well-timed address remarked that the trade of those valleys had been aided to a remarkable extent by the noble and splendid docks formed at Cardiff by the late Marquis of Bute; and he (Mr. Calvert) had no doubt that in the course of time the facilities for shipment, which coal proprietors now enjoyed at Cardiff, would be increased as soon as the extension of the trade required it, by which not only the town of Cardiff, but a very wide district, would be greatly bensited. (Cheers.) The proprietors of the Glamorganshire Canal were fully alive to the importance of keeping pace with the times, as Mr. Crawshay and other gentlemen or influence were anxious that something should be done by them to increase the accommodation for shipping at the Sex Lock—either by the formation of a new dock or by some other means; so that, if the Marquis of Bute's trustees made a new docks formed—with ample railway accommodation, this district could supply all the principal markets in the world, as its mineral riches were inexhaustible. (Cheers.) Mr. Calvert concluded a speech that was listened to

haustible. (Cheers.) Mr. Carver to includes a special such convenience of the convenience



PFACE, TEMPERANCE, AND BOND OF UNIVERSAL BROTHERHOOD FESTIVAL, AT HARTWELL, BUCKS.

world. The seam of coal found is 3ft. 10 in. thick, and the best for cokeing purposes. The proprietor of these new works is the contractor for supplying all the coal used on the Great Western Railway for cokes. Notwithstanding the immense progress making here in mining adventure, what has been done, compared to the immense field still untouched, is best summed up in an expression of Sir Henry de la Beche seme years ago, when surveying geologically this county, "This mineral basin," said Sir Henry, "has hitherto only been soratched."

HARTWELL FESTIVAL

HARTWELL FESTIVAL.

THE tenth annual gathering of the friends of "Universal Peace, Temperance, and Brotherhood," at Hartwell Park, near Aylesbury, Bucks, took place on Wednesday and Thurday, the 13th and 14th instant. The weather being propitions, the festival was attended by great numbers of both sexes, and the beautiful park was teeming with animation and gaiety. The interesting mansion, formerly the residence of Louis XVIII. of France while in exile, together with the grounds at various points, exhibited the flags of all nations, in harmony with the design of the festival, viz. "Peace and good-will among men." The business was conducted by a committee of Aylesbury and the vicinity, much to their credit for the order and the gratification of the meeting.

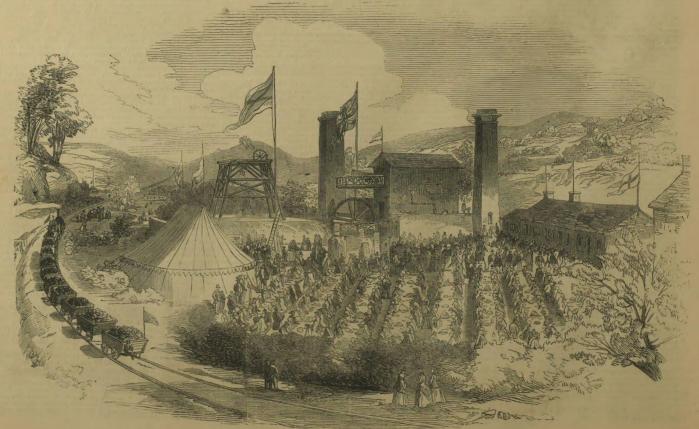
On these occasions Dr. John Lees, F.R.S., &o., opens his mansion and his park for the accommodation of the numerous visitors; and, with a cordial hospitality and generous concession to the public, as well as his friends and neighbours, diffuses, by his countenance and example, the spirit which the name of the festival expresses; an example duly appreciated by the liberal and henevolent, and one which it were to be wished more generally pervaded the higher class to which the learned Doctor apportains.

"Aylesbury, with a population of 6000 souls, possesses not an inch of ground for the recreation of man, woman, or child." This beautiful spot, within two miles of the town, is, therefore, resorted to with eagerness, on the announcement that its gates are opened for two happy days of festivity and intellectual and benevolent stratctions.

On Wednesday afternoon, as the accompanying Sketch represents a large and well-conducted assembly was seated before a platform extemporised out of several farm waggons, and sheltered by suitable awnings, in case of need, from our variable climate.

The business commenced under the presidency of a gentleman from Amsterdam, M. Suringar, distinguished in his own country for works of benevolence in which he has expended a considerable fortune. He spoke mostly in English, recommending the objects of the moeting, and observing, that the great duty of man is "to give and to forgive." The intemperate has nothing to give, and the quarrisones is unforgiving.

Dr. Lee welcomed his friends, neighbours, and visitors to the festival; adverted to the progress of the cause of peace since their last meeting, by the opining of the Crystal Palace, by the pacific character of the late Royal speech, by the great Peace Congress of London last month, and by the impression made on the mines of all classes among us, as particularly exemplified by the emisent astronome, Air. Hind, naming his later with the progress of the cause of peace since their last meeting, by the opining of the Crystal Palace, by the pacific character of the late Royal speech, by the great Peace Congress of London last month, and by the impression made on the mines of all classes among us, as particularly exemplified by the emisent astronome, Air. Hind, naming his later, France, Germany, Norway, and Sweden, as well as in Great Britania. In connexion with further remarks on the bond of universal brotherhood, so zealously promoted by Prince Alternowby, and other persons of high distinction—a work of important influence in the advanc



FETE IN CELEBRATION OF "WINNING THE COAL," ON THE EHONDDA BRANCH OF THE TAFF VALE BAILWAY.



THE ROYAL BELGIAN YACHT CLUB.



EXTENSIVE FIRE AT RICHMOND, AND DESTRUCTION OF PROPERTY.

Or Saturday morning, between the hours of one and two, the town of Richmond, in Surrey, was thrown into a state of the utmost alarm and confusion, in consequence of the sudden outbreak of one of the most serious fires that has occurred in that locality for many years; and although an immediate and abundant supply of water was obtained, yet the flames continued to rage for hours. This terrible disaster originated on the premises of Mr. Andrews, a fancy bread and bisout baker, situate in Upper Hill-street, about a quarter of a mile beyond the Castie Inn, and on the opposite side of the road. Within 100 feet of the house were two large chapels, one belonging to the Independents, and the other to the Roman Catholics.

The outbreak was discovered almost simultaneously by a police constable of the V division, who was on duty in the street, and Mr. Andrews, the owner of the premises. Before the policeman had time to a loud crackling noise in the house. He instantly jumped out of bed; huge volumes of heated smoke, accompanied by showers of sparks, were



RUINS OF THE FIRE AT RICHMOND, ON SATURDAY LAST

CALENDAR FOR THE WEEK.

DOSWELL'S LIFE OF JOHNSON.—NATIONAL LILUSTRATED LIBRARY.—The Subscribers and readers of the above tution of BOSWELL are respectfully informed that no farther delay will take place in the issue of the Third and Fourth Volumes. Volume the Third, will place in the issue of the Third and Fourth Volumes. Volume the Third, will copious Illustrations, topographical and historical, will be published on the fit

CUY'S.—THE MEDICAL SESSION COMMENCES on the

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HER MAJESTY'S THEATRE-PLAYHOUSE PRICE

THEATRE ROYAL, DRURY LANE.-En

THE CARTOONS OF RAPHAEL, in the possession of Mr.
LOUDMANOFF, which bave produced so great a sensation, are EXHIBITED DAILY
only for TWO WEEKS, at the MUSIC HALL, Store-street, Bedford-square, from 10 tht 4.—
Administra

THE GROTTO, in OATLANDS-PARK, WEYBRIDGE, constructed by the Duke of Newcastle, at a cost of £90,000, can be viewed only or Saterday, Sendary, and Monday and Monday defenoes. Trains from Waterloo-bridge

DOUBLE NUMBER

THE ILLUSTRATED LONDON NEWS,

AN EXHIBITION SUPPLEMENT,
PRICE ONE SHILLING,

A SHEET OF SKETCHES IN LONDON, GRATIS.

shall illustrate the "America" Schoener at Cower; the equet at Bangor; the Inauguration of the Nantes Railway

L'EDITION FRANCAISE.

L'ILLUSTRATED LONDON
en FRANCAIS.

Renferme dans son Numéro de SAMEDI, 23 ADUT, fontes les
intéressantes dans la politique, la littérature, les arts, le d' trouvers aussi d'uver articles de critique et d'excualité, ainsi

THE ILLUSTRATED LONDON NEWS.

LONDON, SATURDAY, AUGUST 23, 1851.

India has, generally speaking, been of a satisfactory character. If unexcising in a newspaper sense, it has by no means been unimportant. The shrewd, sensible, but stinging reproof of the Commander-in-Chief to those Anglo-Indian officers who lived beyond their means, and thought it no discredit to do so—and the personalities in more questionable taste, addressed by the same eccentric hero to the Governor-General—have formed the most prominent topics of the papers and letters which the Overland Mail has brought us. All the rest has been a related Mail has brought us. All the rest has been a record of peaceful improvement, of the gradual consolidation of our power, of the development of the internal resources of a vast empire, and of the extension of commerce; excrebly varied even by a rumour of a less agreeable complexion, unless an occasional squabble on the remote frontiers with the hill chiefs be considered an exception. The latest intelligence, which reached this country at the beginning of the present week, is somewhat different, and announces another extension of our territory at the expense of a native Prince, and our possible involvement in bostilities with the numerous and ambitions, as well as daring and needy soldiers that swarm in his dominions. The chief ruler of the large and important territory known as the Deccan, or the South, and who is exempedity designated by the stille of the Nicense.

List two millions and a half of inhabitants, a population as numerous at of some European kingdoms, all going on their way, and making a way upon the simple principle of "minding their own business" applied, through various voluntary that anerring channels, with daily and raiment, all housed, somehow or other, sither at their own he public expense, at night. Wonderful world: to which the whole lid cannot produce an equal; world full of wonderful wealth, and raded squalor, and fearful crime!

For this week presentour readers with an extra sheet—a kaleidoscopic of the form of the principal scence of the London traffs in the first second weeks of August; scence switch many from far-distant parts or recently visited, by are now visiting for the first and poly time in the lives. And often, if we mistake not, will soom of these, in after irs, took with pleasure upon this memorial of an eventful passage in the river, he essential features of which, as they will remain without railed, will never be wholly effaced from their minds.

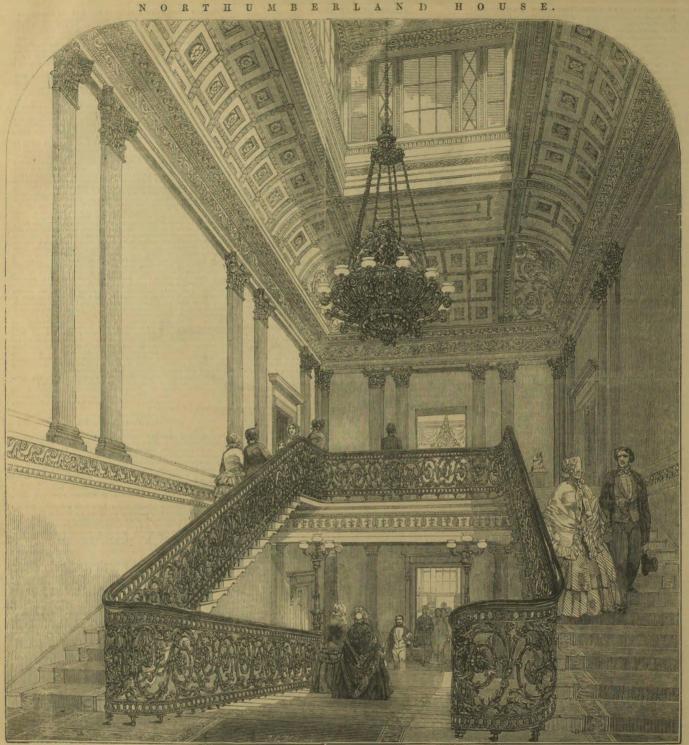
In the central compartment we have a general view of the Bank (on I left), the floyal Exchange (in the centres), and the Mansion. House is the ring-point of at isset 2000 out of the stood or 5000 omnibuses, which care are at least lifteen or wenty thousand omnibus arrivals, and a survival and the product of a dozen or filteen and any departures at his point in the odure of a dozen or filteen and any departures at this point in the odure of a dozen or filteen and any departures at this point in the odure of a dozen or filteen and any departures at this point in the odure of a dozen or filteen and any departures at this point in the odure of a dozen or filteen and any departures at the care as with the fally of the broad products and the compartment of the compartment o

On Friday, the 16th, the Queen and Prince Albert gave their annual fetc. In onour of the Prince's birthday, to the labourers and workpeople employed on restrict of bodrone; also, to 130 seamen, boys, and Royal Marines of the Royal soltes, and the Coast Gnard men. Her Majesty and the Prince and the Royal analy were present, and witnessed the trust sports.

On Saturday, the Ducless of Sitherland and Lady Constance Gower left Oscories for London.

METROPOLITAN NEWS.

CHURCH, UNIVERSITIES, &c.



ORT 國

INTERIOR OF NORTHUMBERLAND HOUSE.-THE GRAND GALLERY.

the noble family is the southern or garden side of the quadrangle The entrance opens upon a vestibule 25 feet long, and more than 15 feet in breadth, ornsmented with Dorio columns. Each end communicate with a staircase, that at the left or east end being the state one. This staircase, which was built by the elder Cundy, is extremely hand some, and until the erection of that at Sutherland House was considered the handsomest in London. It is spacious and well proportioned, its steps and decorations in white marble, the balustrades a rich sorol pattern, brass gilt; the pillura round are in marble, the capitals o

The rooms on the basement floor are spacious and handsome, without cetentations display—just such as an English nobleman would require for the entertainment of his friends, with the substantial hospitalities of the table. On the drawingroom floor a different style prevails; the of architecture and fittings of the several rooms being of a highly decorative character. The principal drawingroom is most lavishly ornamented, and presents an unique specimen of the style of decorative interiors of the last century. The walks are in stucco of rich crimson faced with glass; mirrors and gilt mouldings in fanofful tracery dvilding it into compartments of various forms: interspersed are a green number of beautiful medalitions from the hand of Angelica Kauffman; and the ceiling is painted after the Italian fashion of Raffaelle and his followers, a work restored some years back by Adam, of the Adelphi. The furniture of this splendid apartment is of appropriate richness of character; and the effect of the whole, when lighted up, must be truly magnificent. Beyond this state dining-room is the Tapestry-room, a sunglooking apartment, hung round with tapestry designed by Zuccarell, and worked in Soho-square, in 1758, at some establishment since abandoned; and this leads to the State Gallery, or ball-room, which is 16fect long and 77 feet wide, and proportionately high. The ceiling, which is rached, and is supported upon Corinthian pillars with a rich cornice all highly gilt, is decorated in compartments with paintings after the Roman school. (See the Engraving.)

Having now to speak of the works of art and vertic in Northumberland House, we beg to be allowed to commence with those in the State Gallery, which are of peculiar interest. The paintings, which extend the whole height and length of the walls, are copies, and admirable ones too, after some of the finest works of Kaffaelle, Gaido, and Anublak Caracci; the

School of Athens," of Raffaelle, by Menga; on either side of this are the "Presentation of Cupid and Psyche," and the "Marriage Feast of Dupid and Psyche," after the same great master, by Pompeio Battoni. At the two ends of the gallery are copies of A. Caracci's "Bacchus and

"The School of Athens," by Raffaelle, is so interesting a work, and so worthy the consideration of the student, even in the form of a copy, that a few observations about it may be acceptable. The original forms the decoration of one of the walls of one of the rooms in the Vatican, which were painted by Raffaelle, at the command of Julius II. The subject is intended to personly the spirit and practice of "Philosophy," as the other three respectively are dedicated to "Theology," "Poetry," and



SUFFOLK HOUSE ABOUT 1650, FROM A DRAWING BY HOLLAR, IN THE PEPYSIAN LIBRARY, CAMBRIDGE.

"Justice." The school of "Philosophy" is that of Athens, the background appropriately being a rich architectural hall or portice, which is supposed to have been after a design by Bramante, a flight of broad steps conducting towards the foreground, and giving opportunity for disposing the groups at different heights. At the top, and in the midst, are Plato, Aristotle, and Socrates: Plato is represented pointing upward, an attitude in accordance with his spiritual doctrines. Aristotle points to the earth, implying that truth must be obtained by investigation and experience; while Socrates is impressively addressing the listences near him. Lower down we have the Sciences and Arts represented by Fythagoras and Artshimedes, Zoroaster and Ptolemy the geographer; and, in the midst, alone, neglected by all, avoiding ali, sits Diogenes the Cynic. The last-named figure is admirable for its foreshortening. Raffkelle has introduced a portrait of Bramanti, the architect, in the person of Archimedes; one of Perragino, his master in the art of painting, appending his own as humbly following him. Nothing can surpass the grander, variety, and force of character developed in this masterly production, which must ever remain a maryel and a type of excellence in pictorial art. Those who wish to scan the steps by which Raffaelle made his way to the completion of this and others of his frescoes, may find fac-similes of his original studies in Ottley's

The most important original picture in the Duke of Northumberland's collection is the potrait group of the "Cornaro Family," by Titian, which was bought by Algernon, Earl of Northumberland, in the reign of Charles I, from Yandyke, for one thousand guineas. It is perhaps the most interesting of the portrait works of this great master in England—rich in colour and breathing works of this great master in England—rich in colour and breathing works of this great master in England—rich in colour and breathing works of this great master in England—the picture by the same master, comprising portraits of "Cardinal Morran and Machovelli." In the little dising parlowing as "St. Sebastian," described as by Domenichino, but which Waagen speaks of as by Gueroine, and we rather incline to his opinion. The principal sigure in study and colouring is of the bold marked character which we note in the works of the last-named artist; the cisiar occure in the left-hand corner, through which Diocletian's ruthless band of arctiers are seen retring, is also a marked sample of the tembros's school of which the Gueroine was an influential supporter. The sky in the right, with the angels descending with crowns and palm-leaves, is of a softness and richness of tone which might have come from the hand of Dementichino.

get the articles of ecriu which fill the rooms are several cabinets and embellished with genuine japan, carrings in ivory after pictures, and others; articles in or moulu, &c. in the centre of Gallery stands a magnificent vase in Sevres china, richly gills, tredround with the "Capture of the Capids by Diana and her," which was presented to the late Duke by Charles X., on the of his Grace representing the British Sovereign at the corona-he first-named-Mounch.

MUSIC.

THE THEATRES.

TOWN TALK AND TABLE TALK.

EVERY 12th of August a wonderful phenomenon occurs in this metropolis. The anniversary in question is, as every one knows, or ought to know, the opening day of the annual claughter of the grouse. Up to midnight of the 11th the moor fowl is a screed bird. The law hedges him round with its protection. It is criminal to harm a feather of his mottled brown wing—it is strictly forbidden to amoke one's lips over that daintiest and raciest of tit-birs, his well-roasted and slightly peppered back. But as twelve o'clock chimes, and the 12th of August is born, the poor grouse loses his sacred character. His protection is stripped from him as if he were an III-behaved bankrupt. The tatoo is taken of, the eyel, has lost its strength, and he falls the easy prey of the thousands and tens of thousands of "qualified" persons who, with the earliest peep of day, attack him in his haunts. Well, the grouse principally abounds on wild Highland hills and moors, five or six hundred miles distance from the great metropolis. No doubt a few stray specimens of the family may haunt the Welch hills, or futter about the notifying spurs of the Peak, or build among the drear upland moors of Yorkshire and Lanasshire. But the grouse, truly considered, is as much a Scotchman as Rob Rop er William Wallace. His foot is on his native heath, and his name is, if not, Magregor, at least something as truly national. To shoot frouse, means to go to Scotland to achieve the feat. You may, no doubt, pursue, the animal and fill your game-hage on many a nearer moor, as you may sometimes catch whales about the Orkneys, or porpolese shout London-bridge. But generally, if you want proprolese, you go at least safe as Margate. if you want

EPITOME OF NEWS-FOREIGN AND DOMESTIC.

Excursion and return tickets are now issued by the Royal West-Tritus Mail Packet Company. Persone can visit Madeira, or any of the places included in the West Lauxa Mail Packetscheme, in the company's packets; and if they embark on board any of the homoward packets within six months from the

date or issue of their passage texets, a considerance saving is circle from the Gaboon River, in West Africa, that the French has to unded a new fir and establishment; an apolitic circle, that the French has to unded a new fir and establishment; an apolitic circle, that the conformal where there are sincedy several European port of the properties of the French history and the first of the French trade in the river has been small; but though a port for catching the hippoparamy. A French bislop manner the Gaboon.

It is an extraordinary fact, stated on authority, that there is at the

than there is in Ireland itself.

The Vienna paper, Lloyd's, announces that Austria is in treaty with Sardinia for the arrangement of a convention on the subject of a railway. The life is the convention of the subject of a railway. The life is the convention of the subject of a railway. The life is the convention of the subject of a railway. The life is the subject of a railway.

We regret to state, that, as the lady of Sir W. Jolling, Barth, was alonging on shore from the barge of Captain I. Lyons' solitat Cowes, lately, she ship d and broke the rap of her knoe. Her Ladyship was carried to her readence, and Dis. David and Holl next remediately called in t but it is readence, and Dis. David and Holl next remediately called in the best in the soliton will available.

At Sauthampton, a seizure was made on Fhursday evening week, by Mr. With one of the two streepers of her Majerty Casions, of the snack by Mr. With one of the two streepers of her Majerty Casions, of the snack floates, of Sh review, Captain Jo eph Levit, with three men, named Daniel Bradey, Francis Hemery, and James Hatter. The snack came into Southamptrade, Prancis Hemery, and James Hatter. The snack came into Southampton Water is den with open space, but under the opsters were found 48 tubs and 24 facous of bra dy. The men have been southened by the magistrates to six most assume some form of the content, is worth upwards of £300.

On Monday evening a public meeting of the ratepayers and ininditions of St Paneras parish was held at the New Yestry-Hooms, Kinginditions of St Paneras parish was held at the New Yestry-Hooms, Kingroad, Paneras-road, when the question of the convolutation of the various

avour of the plan were adopted

Mr. P. Demetrakarakes, a late member of the Chambor of Departies at Alens, as represented in the Chambor of Departies at Alens, as represented in the Capital is at Capital in the Capital is at Capital in the Capital

In consequence of the decision of Mr. Seeker in Lord Kanelagus case, t.e fo.awang notice has been posted up, by order of the dreet vs of the South-Caster Railway Company, at the London and Greenwich stations:
"Notic. To prevent confusion, tickets are available only for frains in which the company of the c

From Java, in the East Indies, we learn that choicea, after making most fearful ravages, has greatly autsided. Throughout the Dutch passessions, it is estimated that from 12,000 to 13,000 were attacked during the late visitation, of which number fully one half persisted.

The Java Courant of June 25 notices a very currous prenomenon as Sourabaya, where four dessas of the district Sumanap had been visued by a great number of green caterpillars, which destroyed the leaves and young and rine fruit of nearly 2000 cocoa-aut trees.

The sum of \$1500 was paid out, of the Encumbered Estates Courl (Tecland), has week, to Archibahop WHalle, from the proquee of the sale of the estatus of the late Robert Dillon Browne, Esq., in the county of Mayo; and Dr. Eggn, the Bishop of Kerry, received from the same court the same of \$1300 from the sale of the estates of John O'Connell, Esq., of Grena, county of Kerry.

Grace the Duke of Northumberland; and the premium of £100, which had called forth a great amount of failent to the competition, has been awarded to James Beeching, of Great Yarmouth. "" Dukey here fitted up for 8

The United States sloop of war Dolphin, has been litted up for a cientific expedition. One of the objects is to obtain soundings, if practicable,

No. A said occurrence took: place on Friday, last week, in the belifty of St. Mary's Chich, Monarouth. In the course of the siture on the belis rang, a marry peal instruct of the judges opening the commission. After a short merry peal instruct of the judges opening the commission. After a short merry peal instruct of the judges opening the commission. After a short merry pears a smed of the standing that something obstructed the machinery, went to ascertain the cause, and was horrified to discover the mangled body of his younger brother under the bell. The upper portion of the face and skull was completely shattered in, and the back part of the head was clowen in two, and the brains bespattered the roof. The poor little follow seems to have introduced his lead into the bell, which he was doublessly twing just at the me-

ment his bridger purel:

"The Galvacy Vindiculator says:—"As the grouse season approaches,
a larce number of tourists are daily arriving in Connemars, to edjoy the will thine and picturesque seemery of our western highlands. Each down train from Dablin's well filled with passengers, and a more than ordinary bustle seems to prove themselves the training the press influence of the press influence aimselves aimselves.

opening of the raiway.

The acceleration of the Irish mail leaving Kingstown every evening at half-past-aven object wil commence on the lat of October, and not on the lat of September, as was expected. The stoppage at Chestor will only be returning and the minist and passengers will arrive at 11 a.m., instead of one

7.M., as at present.

At the Marylebone vestry, on Saturday, a vote of thanks was unanimously passed to Sir Benjamin Hall, Bart., and Lord Dudley Stuart, the propagatatives of the borough, shanking them for the zesious discharge of their

duties during the past assist of Parliament.

From a return issued this week, an account is given of seizures and
prosecutions by the Excise of adulterated tea, tobacco, pepper, and coffee. In
the ver ending the 5th of January last there wer 1 sezure of tea and 1 prosecution; of tobacco, 17 sezures and 13 prosecutions; of pc, pcr, 7 educates and
secution; of tobacco, 17 sezures and 13 prosecutions; of pc, pcr, 7 educates and
the Secution of tobacco, 17 sezures and 13 prosecutions; of pc, pcr, 7 educates and

In the water the been printed of the number of days on which the House of Common as in the session of 18st, from which it speaks that the House sat on 19st days, for 931 hours, 2 munutes, 86 hours of which were after midnight, 7th average time of each sitting was 7 hours 46 minutes 30 seconds. The longest sixting was 142 hours, on July 24, and the abortest on Saturday, March 29, whom it sat for a quart r of an hour only. The number of eather in the votes was

On Saturday, in the Iosolvent Debtors Court, an order for hearing was resued in the close of the Marylebone Theetre, Mr. Sammers was the manuer of the Wednesday Concorts, at Easter His 1, a 'd through his speculations in those concerts he begins involvent, and His 1, a 'd through his speculations in those concerts he begins involvent, and was obsclaraged under the act in September last. So may be some involvent, and he lease of the Marylebone Theater, whoch he carried on the some months and to that the remission his present appearance is attributed. The debts, as appears from the students of the theater, who have a many members of the theater, it has decreased a defended of the subscience of the subscienc

Brian, took jac, on I e 12th byd. The encompment of the recular traders in 16t s, uners exceed a for meany lof a unit a mong the base of the life. A particular at draw of gipty tents tomed as it of season to the canvass from Kearly 100 000 lambs were offered for asic, and, for the most pir, changes owners, at most astestatery praces. It was the best fair known for several years.

"The coroner's inquiry into the late fittal colliery accredent at Bedmisser has terminated in a reductor manifacture and the manager, and Henry Planters, the bandt, who were committed or the

economic's warrant, and at once taken since cutories.

At Norwich, on Shaturday, the execution of Henry Groom took place on the parise scandad, esceten in rount of the county goal, but re an immendeconcensure of potals. If or one was convicted in the recent assets of its willing murder of John Aylon, who was slot where preceding to pay some the arrest in the annual of the control of the sound to be control. The things are not be confidential, a last

confessed this girst. Edward Lawes, Esq., is appointed Chairman of the Commissioners of Savars, under the late at the renewing the commission for another year.

Mr. Well on Aveland Sindle of is appointed Colonial Secretary for

Western Austra, a, in the room of Mr. Thomas Falcomer, resigned.

Mr. F. Ay ton, late of the Bombay Artillery; has been appointed

Secretary of the A terrific toronado lately visited the districts of Obio and Ponnsylvania (U.S.), which are configuous to each other, levelling the forests for many miles, tearing down or narcoding houses, killing cattle, and, in some few instances, destroying houses have

The total quantity of cotton wearing, the state of the position of the position of the state of

Arrangements were being made in Boston when the last accountleft the United States, to give a banquet in honour of Mr. T. E. M. Manus, who more the part from Volumen's Land has aftered been roliced.

CHESS.

CORPERDONDENTS

D. Leanington—The pieces known as "Who Braumton Chasamen" seem to increase in favour, and their superiority even all others in sow amoust universally admitted. In India, in Russa, and in America, they are rapidly superseding the clowey of lightness and the America, they are rapidly superseding the clowey of lightness, and the many of the superiority of the superiority of the superiority in the whole community of chass-players. Thus such by Leubarr, of Flexibility, Meeb, of Leachall-spring and at the Polycochia Institution, may be relied on as

genuine ("The horse - The appoint cannot claim a fleave game" because he had only his King left." With such forces as you mention, check mains can reachly becaven HARMH.—The back volumes of the Checks-Player's Chromicle are but makes of Harmer, the

sarias advisas susceptions and the sarias and well-sarp log dibrary and westign-room. Emiliatives for admission should be sarias and well-sarp log dibrary and westign-room. Emiliatives for admission should be sarias and sadresses to ft. Longbuttons. Eq. 5. Cavustab-square

W. A. Hagehot-We will look the game over again shortly, and try the result of your against the surgestion

SWECTATION—In all the matches of the Teneral pending, or to be played, vector will its decreed at the combatter, each will be decreed at the combatter, each will be decreed at the combatter, and the combatter of the state of t

, Horncastle—App leations for tickets to the Lincolnshire Chess-gathering abould be made to A B Skipworth, Erq. Han Secretary, Caistor

R of Ashford, VEREBY—Now under considerati

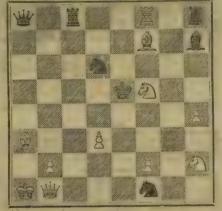
going LATRINGULDAND—Too copylogue ATRIE—We quite agrees with you, that, of all the new designs for these pieces will be success of the "Saunton men "has brought to light, those called the "Philistot" cases in "are the feast to be communded. Instead of beings an improvement on the oil price, they are still more outer in shape, and with no one quality of unfunness to redom their want of beauty.

OUTSIGNS OF PROBLEM No 393, by Philip, M.D. F.R. 8, 81 Edmund SOLTSIGNS OF PROBLEM No 394, by Argus, M.D., M.C., Lynx, St. Edmund, R. F., Bombardier, Simple Simon, Derevon SOLTSIGNS OF PROBLEM NO. 398, by R.G.R., Dorevon, Dy Fleid, C.J.D., of Norwich; R.F., Briberdig, Stemle Simon, Articet, M.G. 1, n. F.C.R., Vienne, M.S. B., are correct

SOLUTION OF PROBLEM NO. 393.

1. KT to K B 5th B tases M. to (a) 1. K to his 3t Q takes Q B P (b) 1. K to his 3t Q takes Q B P (b) 1. K to his 3t Q takes Q B P (b) 1. K to his 3t Q takes Q B P (b) 1. K to his 3t Q takes Q B P (b) 1. K to K B 2d Mate S (c) 1. K to K B 2d Mate S (d) 1. K to K B 2d Mate S

PROBLEM No. 396, From La Régence.



WHITE.

. White to play, and mati in four moves

CHESS IN RUSSIA

A fine game, hitherto unpublished, played between Major Janusson and Mr. Pernove, at St. Petersburgh, during a brief visit of the latter to the capital, in April, 1851:—

(a) This is now admitted to be bother than the old move of B to K K toh.
(b) Flusby played. "Emping Black to take P with Favon, that he many than play Q K to a 3d, arranking the Sishop, and afterwards take the P with his Q Bishop, powering lacks (never from coming lacks (never from coming lacks) (never from coming lacks)

(i) Where so, me so here you goes to assume one (i) I need, as you (i) I not come one combinate the ply one on a loyed to get out the covered frames a truncate that causes of the KR of Q B this. If we untracted note, however, he omitted to calculate the; Illack midd afterwards take a Blaken for return, at his K & 40th. By these exempts to house the cover stange, but he mades amound for the sorrer, if error it was, but his attempt on the play which is of the very highest order. (c) Instead of this more, which ofmitted the nearest processing the more later to the field, he

ga. At on have played Kt to Q R for directly, reason vian more more warding to () The Bill affect of Billed a Soli more in appears to the contract which is Knight, which () The Bill affect of Billed a Soli more in appears to the contract which is Knight, which is tour movements to the same require in appearance to the contract which is Knight, which contract the Black Klog inestricably to jue and of the Same.

(h) Fatal. By playing Kt to Q7th (ch), he might probably have drawn the game.

CHESS ENIGMAS.

Bh. .: Kat Kah, Krat Kal, B. at K Kt 3d and Q B 6th.

St., P at K 2d.
White mates in four moves.

No. 671.—By R. B. W., of Oxford. Whete: K at K Kt 31, Q at h ltn, Peat K Kt 5th a 1 Ct., Mact: K at K R 3q, Q at h Kt 8q, P at K R 24

Q B 23 and Q R 5th.

THE GREAT EXHIBITION.

This past week has been one of an average character, so far as the number of visitors is concerned, but it has been of more than usual interest as regards the future arrangements of the Exhibition. The Royal Commissioners met on Tuesday, for the last time prior to the departure of the Prince for Scotland, and many important points were duly discussed and finally settled—the question as to the date at which the Exhibition is to close, and whether or not any coremonial should attend the conclusion of the most remarkable event of ancient or moders times in relation to the future social relations of mankind. The date is now fixed for the 11th of October; but it has been decided that no ceremonial properly so speaking, shall fake place, but that a meeting of the Royal Commissioners and the exhibitions shall be hold on the 18th, to receive the report of the juries, and transact any business appropriate to the occasion. We cannot be that the face of the contract of t

The meeting to be held on the 18th October will doubtlessly be full of interest. Foreign commissioners, jurors, exhibitors, local committees, and honorary secretaries are all to be invited; and, siter the reports of the juries, so far at least as the awards are concerned, have been published in the Genetic, the dividuous has a superior of the juries, so far at least as obvious that a public destribution on any one occasion would be totally impossible from the large number of recipients; and to select any number for this location would make those invitations distinctions against which the efforts of the executive of the jury department have so determinedly struggled. It may be a question, bowever, for consideration, whether the formal presentation of a list of those shibitors in each foreign country to whom prizes have been awarued, may not with propriety be presented to the commissioned representation of our behaviour of the commissioned reviewed to the commissioned reviewed to the continuous of the commissioned to the chairman or vice-chairman of each jury, being an Englishman, of the British exhibitors rewarded in the class on which that jury adjinicates. This would be as formal a recognition as the presentation of

e medals awarded to each individual exhibitor.

In addition to the medals to be presented to those exhibitors whose metits have been recognised by the juries, it is intended to mark the service of the jurors by presenting each with a medal. The three medals, of which Engravings have already appeared in the ILLUPTRATE LONDON NEWS, will be disposed of as follows:—The one after the design of M. Bonnardet will constitute the one popularly known as the "Great Medal;" but when, in fact, will be only voted by the council of chairmen in special cases, and not as intended to mark degrees of excellence, although, as a matter of course, it includes excellence of the highest character, but of a distinct class of merit, such as great novelty of adaptation or invention, Sec. The weeds designed by Mr. B. World will constitute the prize medal of the Exhibition, and mark merit without descending into the question of degree. The thur of these three medals, for which premiums were awarded last year, that designed by Mr. Adams, will be the one given to the jurors, as already indicated. In addition, however, to these medals it is intended by the Royal Commission to strike two others—one to be presented to the exhibitors, and another to mark the sense of the services rendered by the various officers, local commissionars, honorary secterative, and others to the Lx. highly the properties of the services rendered by the various officers, local commissionars, honorary secterative, and continue to mark the sense of the services rendered by the various officers, local commissionars, honorary secteratives, and continue the properties of the price destructure and and please every body; the latter being an adhibit and page of the purity destructure and and please every body; the latter being an achievement worth properties. Certificates, or the properties of the price destructure and any other properties of the purity destructure and any other properties of the page of the purity and any other properties of the page of the purity and any other properties of the page of the purity and any

In the continues of the selection of the Billiling, and the purpose of which the stripts proceeds are to be deviated, have yot be extincted and considered. This is quite certain, that the Royal Commissioners do not considered. This is quite certain, that the Royal Commissioners do not considered. This is quite certain, that the Royal Commissioners do not consider the state of the season of the establishment of a Winter Garden. All they have to do is to pay Mesars. For, Henderson, and Co. for the use of the Building to the time at which they vacate it; therefore, its purchase for any public purpose must be at the cost of the public: otherwise the Government, lawing done nothing, in its capacity as a Government, for the Exhibition, except give a tardy sanction and exare a site for the Building, to the whole the public: and the cost of the public of the Building to the time at which they continue the conditions on which the power it holds was given. Several propositions are already made for the appropriation of the surplus. An influential member of the Executive Committee, Mr. Fuller, publishes a pamphlet advocating the endowment of schools of design; proposals are alloss for a museum based upon those articles which exhibitors are willing to contribute, or which may be purchased. The question is, however, whether some plan, embracing all the proposations no monitoring about, might not be manured, and a university of art, actence, and manufacture established, and endowed with this surplus, making more complete our schools of design and on opportunity for the recognition of talent in certain the forear nowhere. But this university should be open in its honours to all nations, and be as cosmopolitan as the Exhibition, from which it might now spring up. This would stimulate our young ment to greater and greater exortions instinuch as the Frenchman and the German would have the facility of running away with the honours, if there English competitions did not meet their facility in the root of such an institution wou do

The numbers attending the Exhibition during the week have been the same as usual. The Building is always well filled, but no servous succavenience from overcrowding ever occurs. The patrons of schools still contains to bring an their attendant children; and, on Thursslay, 1556 children were brought from Woolwich to Westminster- Bridge, and then formed into procession, and, with a band of music and fages flying, marched through St. James-Park and Jyde-Park to the east end of the building, the procession reaching from that entrance to Hyde-Park Gate, Piccadainy. These were the united schools of various denominations from Woolwich, Plumstead, &c., and consisted of the schools of the Exabilished Church, komm Gatholics, Weeleyana, Primitive Methodists, and others. After visiting the Exabilished, they assembled at the East Indian tent, and the East Indian tent, and the Church, formung along the banks of the successful of the schools of the schools of the schools of the schools of the banks of the Same of Same and the Same and Same

The elder cividren (to the number of nearly 300) of the St. George, Hanoversquare, Parochial Schoids, south-street, were taken to the Exhibition on Wednesday; and, through the kindness of the Marques of Westminster, they were admitted in the early hour of eight o'clockin the morning; thus strong the children an hour's perambinistion through the Bunding before the usual is flag, of visitors. The children returned to the seniod house by five o'clock, where substantial refreshments of test, exke, &c., were provided for them, the whole expense being defrayed by the voninary contributions of the parsitionsyllar.

able interest and astonishment; for when anything of peculiar interest struck them, a "whop" of a startling character was raised as an outward sum of their wonder. They were much concerned to find that the two figures, costermed in the Indian dress, which had been placed by Mr. Catin on the large bridge in the American department, had been destroyed, as stated, by the freaks of a rais ken woman; and exter instruction in the 1st death of the startling of their compartment, and account of the startling of the s

If now remains to be seen whether the positive announcement of the date of clealing smil cause the expected failtax from the country of those who have not eyes seen the Crystal Palsed, since seven weeks is the limit of time allowed for them to realize all the wonderful things of which they have heard and read so much.

STEAM COMMUNICATION BETWEEN GLASGOW AND

The river Clyde, which is celebrated as the cradle of steam navigation in this country, continues to enjoy a high reputation for the number and splendour of its eteumers. On Saturday last, a magnificent addition was made to its already large steam fleet, by the launch (from the building-yard of Messrs, Tod and MGregor) of the Glasyon, the first of a great line of steam-ships intended to connect the chief manufacturing city of Scotland with the commercial capital of the United States.

In the accompanying Illustration the vessel is represented at the momentahe is about to leave the stocks. The building-yard of Messars. Tod and M Gregor is situated at the junction of the Kelvin with the Clyde, a couple of miles below Glagow harbour. A large concourse of spectators lined both banks of the river on the occasion, and at the hour appointed (about four o'clock in the aftermoon) the new liner gloded into the Clyde in the finest and easiest manner imaginable, amid the cheers of the assembled thousands, the booming of cannon, and, to those who happened to be stationed near it in the yard, the music of an instrumental band.

The ship was christened by Miss York, daughter of Deacon Convenor York; and immediately thereafter, a streamer, bearing the name Glasgow, floated from her topmast; while both fore and aft the British union-jack, the American banner, and many gaudy flags fluttered in the breeze.

The Glasgow is a three-decker, on the screw principle, with lour masse; and, besides being beautifully modelled, is as strong as iron plates, bars, straps, and rivets can make her. Over all she is about 2000 tons burlien; Licr engines are 400 horso-power; and she is to be commanded by Captain N. Stewart, late of the Cunard steamers, and formerly commander of



the Rajasthan, well known as a passenger-ship between London and Blombay. Her mitin deck is 255 feet in length and 36 in breadth; she can accommodate 160 passengers—upwards of 60 of these in the cabin, and, under a pressure, fit up for more. She is constructed to carry from 500 to 600 tons of coal, and a cargo of about 1500 tons. The height between the main deck and the spar deck is 7 feet 6 inches, and she is to be fitted up in a style of the first elegance, while nothing is to be neglected which may add to the comfort and convenience of passengers.

This large and superb steam-ship is, we believe, owned chiefly in Glasgow, and is to be under the management of Mr. M. Langlands in that city, and Ali. M'Symon in New York. She is to make her maiden trip across the Atlantic on the 16th of next month.

"THE QUEEN OF A DAY," AT THE HAYMARKET

THEATRE.

TESTIMONIAL TO SIR ALEXANDER BANNERMAN.

A VERY handsome silver table service has just been completed by Messrs. Smith, Nicholson, and Co., Duke-street, Lincoln's-inn-fields, for presentation to Sir A. Bannerman, by the inhabitants of Aberdeen. The Candelabrum here engraved is the centre-piece of the service, and bears the following invertibles.





SCENE FROM THE NEW COMIC OPERA OF "THE QUEEN OF A DAY," AT THE HAYMARKET THEATRE.

A FEW DAYS IN THE LAKE DISTRICT.



The Black Coomb range forms a background to Millow; and, as the train proceeds, a lovely vista—the "sweet Vale of Ulpha," watered by the "cerular Duddon"—opens to view; while, in front, Coniston Old Man, Waley Scar, and other noble mountains, form one of the finest views in the 'Lakej District.



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REEVES'S MOIST WATER-COLOURS, warranted to keep in any olimate. Aiso, their Colours in Cakesund pare Cumberland Lead Pencila, are now used by all artists.—
Hautsteever, It's, Chesphich, London.

to BULL's Library, 19. Bolios-atreat, Cavendish-equare.

IMPORTANT to LADIES.—In cor
of the Dissolution of Partonschip between RTCHI
of No. 61, 81, Paul's Chrunbyard, the whole of the
supers BTOCK, consisting of magniferont Mantle,
gamment Velvers, parment Stelles, and coult Fure will be
following dave. No. 63, 81 Paul's Chrunbyard, the
to or owing by, the sate firm, will be received and p.
Referring.

LYCHING.

EVERYTHING for the TOILET at MLCHT'S
MANUFACTORY, 4, Leadenball-streel.—Superior Hair, Nali,
Dooth, Bhaving, and Floris Brunher; Ciothes and Hat Brustee, Combo,
Washing and beauting Songe; vaccious Nail and Corn Instruments,
and Floris Sirry's and Floris Land Staving Powfer; Laides and
Jacobsen, Heaver Sirry's and Floris Lands and Jacobsen, Marganet, and Staving Powfer; Laides and
Jacobsen, Marganet, Santana, January Lands Changes, in Russes,
address, Marganet, Santana, January Lands Changes, in Russes,

Landson, Marganet, Santana, January Landson, Landson, Marganet, Santana, Landson, Marganet, Marganet,

Acar, Card-Caco, Note and Case lisatesis, beaturial Lustimate, and an infinity of resharched articles not to be equalled.

METCALKE and CO'S NEW PATTERN TOTH-BRUSH and SMYRKA SPONGES.—The Teeth-break secrecial states of the secrecial se

will be answered. The House is large and altry, bear the squares.

If you require your FAMILY ARMS, send
A same and donnty to the LINCOLN'S-INN BERIALDIC OFFICE,
Great Turnstille, Liscolia's Inn. Fee for search and sheich, as 64, or postage stamps. Bingle creat squares of notices, 56 4, or not plate, arms of cities, colleges, &c., sketched, 28 5d j monumental plates for churches. Address, HENRIS ASLIT.

ONES S £4 48, SILVER LEVER LEVER WATCHES, and £40 186, GOLD LEVERS, at the MannEster Valley, and the same of the sa

James's Reach of Watchwork, free for \$6.

OLD WATCHES from £3 10g, 0d,
Silver Watches
Seven Gold Free Watches
Seven Gold Free Watches
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Free Watches
Free Watches
Free High Holborn, from 75, btrand, and Coventry-strant, the editsettlabased watchmakers. All the above watches have every modera
improvement: are je welled in lour holes, with richy engraved cause
and dalk's watches guarantee grown with each watch. A rich and

OVERNMENT ANNUITIES.—ST. CLEMENT DANES BANK for SAVINGS, and GOVERNEMENT
ANNUITI INSTITUTION, ØN Norfelik-strees, Irrand.
The Treatees and Managems of this Bank continos, as agents for the
tox-ermonist, for grant Annuities, either immediate or beferred, offrom
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The amount paid to the Government for the purchase of Annitice The amount paid to the Government for the purchase of Annitices Trained through this office during the quarter ending bit hapful is \$46,407, the total amount paid to the Government exceeds \$537,738.

The state of the contract of the contract of the contract of the Adjust the contract of the contract of the contract of the Adjust, bolt.

TO PRESERVE LIFE IN SHIPWRENCE.

AURIES PARENT FLOATABLE MAT-AURIES PARENT FLOATABLE MAT-AURIES (NOT INPLAIND). FILLOWS, LIFE BELTS, and Every bib) Matures will asstain eight persons in the water for an in-

Drains on Australia, Thirty Daye' Sight, at Par.

THE LOCK CONTROVERSY.—The
BRAMAH LOCK.—The Lock Controversy having prefixtunch public actient in and narioty. BRAMAH and Co. Fed 1 done.

in the base that surface there is the small is improved to the state of the showing the inner of Resman is improved to the state of the small in the state of the small inner of the sma



No. 512.—vol. xix.]

SATURDAY, AUGUST 23, 1851.

Two Numbers, 1s.

THE GREAT EXHIBITION.

SCULPTURE.

the forehead, so as to preserve the oval form; the chin prominent and lengthy from the starting-point at the neck; and, to make the matter worse, and to complete the extravagance of the outline, the har drawn up in a stiff hard knot, when a few loose loops falling half way down the neck would have done much to relieve the harshness of the



GROUP OF SILVER, FROM RUSSIA .- (SEE PAGE 252.)

the room. Sharp's "Boy and Lizard" is a pretty conceit prettily carried out. The sitting statue of Flaxman, by the late M. L. Marshall, is a fine specimen of portrait sculpture, replete with dignified case, and high

room. Sharp's "Boy and Lizard" is a pretty conceit prettily carried. The sitting status of Flaxman, by the late M. L. Marshall, is a specimen of portrait sculpture, replete with dignified case and high sligence.

In you have the productions of British art, there are several, and though located in the Italian department, we may properly claim, of the work of English hands. Of these, the two Nymphs, by the planeated Richard Wyatt, justly claim pre-eminence, not only here are not only the property of English hands. Of these, the two Nymphs, by the planeated Richard Wyatt, justly claim pre-eminence, not only here are not one in the Exhibition may be proper to observe, that these works have been added since our tentice on British semplature, on the opening of the Exhibition, was ten, or we should then have claimed them with avidity for the horfour country. There is a bench convenient to the spota, so that may sit down and contemplate these graceful studies at leisure, anak in both the symmetrical proportions, the exquisite softness the fiels surfaces, the winning simplicity of the attitudes, the ings beauty of the faces, more particularly as regards the full round aking eye of the smaller one; the classic proportions of the heads, set and adorned with tresses light, wavy, and picturesque in form disposition—examine the careful finish of the whole, and you not hexistate to set these down as works evidencing the highest genius, the nearest approach to artistic perfection. Close beside these has the property of the set of the common set of the set of the control of the set of the contr

ded a very vigorous and characteristic bust of "Lorenzo the Magcincent," by Costole, of Florence. Sad falling off in matters of race his day!

Of the art of many-climed Austria we have spoken at some length in

ormer Number; the bold and startling productions from the Zollver
control of the Austria we have spoken at some length in

ormer Number; the bold and startling productions from the Zollver
os sufficiently illustrated from time to time. We may remark gene
some startling in the startling production of the pro
position of the Zollverein states, with I russis at their head, that in art they

hibit the crudeness almost inseparable from new efforts, when there

are one of the supples, no traditional principles to guide the hand. The

bjects chosen are too often of a base order, unworthy of high

an educated taste. It may be sufficient to point to one very

ving example of both these errors. Fortunately, it is not a

ty prominent one in the present Exhibition; though, in Berlin,

ere the original of the work exists in marble, it is vastly popular—

leed, has received the highest honours. In an obscure passage in the

rof the Zollverein department, will be found by those who are

cloud to search for it, a cast of a Bacchante on a Panther, after the

similar in marble, by T. Kalide, "sculptor and professor of arts." No
ong can be conceived in worse taste, or executed in more bold deflance

the proprieties. The Bacchante, a coarse, heavy figure, is dead——the

similar than the dregs of liquor she has left in her op. The artisi

must have taxed his ingenuity to make the most of the most offen
e features of such a subject, and we think he has succeeded.

Hoving into the French department, we find, at the entrance of the

belians Hoom, a somewhat similar subject, though certainly not so fis
belians Itom, a sumewhat similar subject, though certainly not so fis
belians Itom, a sumewhat similar subject, though certainly not so fis
belians to a such a subject, and we think he has succeeded.

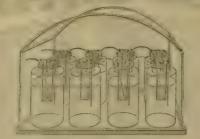
Hoving int

M. Railde's figure, and the execution masterly in many evaporate the it is of a censuous character, which neither derives interest from the down through which it is presented, nor adds dignity to the art empedium through which it is presented, nor adds dignity to the art empedium through which is it is presented, nor adds dignity to the art empedium through which is it is presented as the harden, which attract a crowd of gazers in the district which have. In the centre we have a woman fast asleep under and strake have. In the centre we have a woman fast asleep under and strake fine the centre we have a woman fast asleep under and strake fines, is pouncing upon her naked infant, who blubbers cously, but the considered as the construction of canine could, but the construction of the construction of the construction of the could be constructed and safety. In the one we see a tremendous snake about to rt upon a little through the construction of the could be constructed in the construction of the construction o

THE EXHIBITION VOLTAIC BATTERY

THE EXHIBITION VOLTAIC BATTERY.

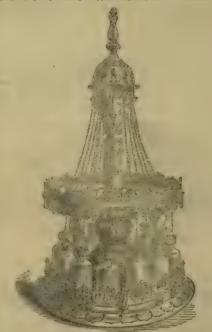
other Numbers we have described and figured Shepherd's on the present occasion we must give a short notice of the of voltate battery which is employed as a source of powe hour reading may observe in the gallery of the South Tra form was devised by Mr. Alfred Smee for this clock, and corross adaptations of scientific principles. The negative plat of a step of platnings diver, the platfaum being used y divided state, in which Mr. Since first discovered that most the singular power of facilitating the evolution of the hydr the visitor may observe a constant stream of infinitely fine by accontinually using to the surface of the fluid. The positive last of pleece of the thinnest rolled zinc immersed in mercur and for using this zinc is, that, in the process of manus purest zinc is used for that purpose, whilst the baser por all the thicker plates. The use of the mercury is to preven any the thicker plates. The use of the mercury is to preven any the thicker plates. The use of the mercury is to preven any the world becomes incrusted with crystale of sulpharic of zinc, he did not the bottom of the solution, during the action any it would become incrusted with crystale of sulpharic of zinc, his office, and the sulpharic of zinc, his office, and the control of the solution, during the action is of the solution mercury and is connected to a binding screw to exist on the mercury and acquested with guits apercha except at its exist to the mercury and any expect of the outer reason must of the solution could portion of one to eight, and the size of the outer reason must of the time which the battery is required to keep in a action, a count of the work which it is called upon to perform. In obtain



THE TEMPEST PROGNOSTICATOR, BY DR. MERRY-

WEATHER.

This is an ingenious contrivance for the protection of life and proceed, by giving warning of approaching tempests. It is described by



the inventor as "an atmospheric electro-magnetic telegraph, conducted by animal instinct." It will repay inspection by those interested in

A LADY'S GLANCE AT THE GREAT EXHIBITION.

NO. III.

NO. III.

Willist each of the many examples of the works of nature, of science, and of art comprised in the various classes into which the Exhibition of the Industry of all Nations is divided, attracts its own peculiar circle of votaries, there is one which is found to claim successfully the admiration of every description of visitor, although addressed for the most part to the tastes and predilections of the female sex. I allude to the magnificent specimens of Jewellery and precious stones with which the Crystal Palace abounds; to an extent, indeed, that half enables us to realise in our minds the wildest wonders of an Aratian tale; to believe that the hall of Vathek might not have been wholly imaginary; and that Sinbad's diamonds may find a local habitation after all. Whatever grave objects may attract grave people to this temple of concord, there are few even of the gravest who will depart from it altogether without paying a prolonged visit to the departments of Class 23. The most learned of access, the coldest of utilitarians, the political economist, the bishop and the Quaker, may there be found side by side patiently awaiting their turn for a passing glimpse at its marvels; half ashamed of an admiration they are unable to conceal or to disguise. There doth the philosopher arrest his steps to analyse the component parts of those wonderful substances, and endeavour to calculate the succession of ages that must have been demanded for their development. There, too, stands the sturdy labourer, with his wondering wife by his side, gazing at them with looks of undisguised actonishment, and anticipating in imagination the advantages which even a passing acquaintance with such marvels will give him over the less fortunate companions of his toil at home; whilst the sufficient of their development. There, too, stands the sturdy labourer, with his wondering wife by his side, gazing at them with looks of undisguised actonishment, and anticipating in imagination the advantages which even a passing acquaintance with suc WHILST each of the many examples of the

THIS SHEET WAS PRINTED IN THE GREAT EXIMEPTION.

the diamond is usually regulated is called a carat, of which 150 are required to make the ounce. The carat is divided and subdivided into half-carats, quarters, or grains; eighths, sixteenths, and thirty-seconds. So soon as the diamonds are manufactured, or, to employ a technical state of the control of t

seen perfect that it has given rise to the provertion comparison, "uncom-emerald without a flaw," There are several emerals of extraordinary size and beauty in the Indian department of the Great Exhibition; but they are, for the most part, much obscured and deteriorated by the coarse, uses and clumsness of their settings. They form the girdle of a siskh chief. The emerald belonging to the Duke of Devonshire, exhibited in the case of Mr. Tement, of the Strand, is one of the funct in the country. Mr. A. J. Hope exhibits an emerald in its stone matrix—a very great curiosity. The exquisite heauty of the emerald, when associated with diamonds and other process stones, may be seen in the trara with its green foliage of the Queen of Spain, and, if I remember aright, in a similar

ornament in the compartment of M. Bolin, in the Russian Court. The value of a fine emerald of a carata is about 250. This stone requires to be differently set from other genus, in order to display it to the best advantage. It should be cut in steps, larger or smaller, according to the intensity of its colour. One of the largest emeralds ever seen in England was that which decorated on state occasions the turbun of the Nepaulese ambassador. In Mr. Hope's collection, so frequently referred to, there are three large emeralds of remarkable size, one of which has been scorlegiously converted into a vinsigrette.

The precious opal, in its most striking form, is far from common; but there are no tables to enable us to estimate its value. Its colour fix whither or pearl grey, and when interposed between the eye and the light, is pale red, or yellow, with a milky translucency. By reflected light it is rendered iridescent with emerald green, golden yellow, fame-red, violet, purple, and blue; so blended that it is difficult to fix with the eye the exact locality of any one of the colours. When these varieties of hue present themselves in small spangles, it is entitled the harlequin opal. It sometimes displays only one colour; at others the emerald green, and orange yellow; when it assumes the latter it is distinguished as the golden opal. It is often full of flaws, which, strange to say, increase rather than detract from its beauty. In the collection of Mr. II. P. Hope's jewels, displayed by Mesars, Hunt and Roskell, there are several fine opals from Hungary upwards of an inch long, and nearly an inch wide. Some of them display a profusion of prismatic colours. There are eight from Mexico, several of them of magical beauty. The opal ought never to be otherwise cut than hemore valuable the stone. The topaz is not held in weps great of them of magical beauty. The opal ought never to be otherwise cut than hemore valuable the stone. The topaz is not held in very great esteem. One of nyowards of elighty carats with subject, or

MUSICAL INSTRUMENTS.

Among the numerous and almost infinitely varied kinds of musical instruments in the Great Exhibition, there are none of modern introduction after the piamoforte, that have become so quickly popular, or are so generally adapted for the amateur as well as professional artist, as the nusical instruments the tones of which are produced by vibrating plattes of metal, in contradistinction to strings as in the piamoforte, harp, violin; or tubes, as in the organ, flute, horn, &o. The concertina, harmonium, seraphine, accordion, musical boxes, &o., are included in this class: the commen Jew's harp is also of the same kind; and though most simple and primitive in form and sound, we possess in it the principle on which the construction of these instruments is founded; and no doubt this mere school-boy's plaything gave the first idea, which, with

the aid of science and observation, combined with mechanical ability, has det to then devisions with a single and agreement of the analysis of the control o

seems to be an improvement; the only objection appears to be the increased cost.

M. Rexer, of Stuttgard, Wirtemburg (25), also exhibits drums, to tune mechanically with screws.

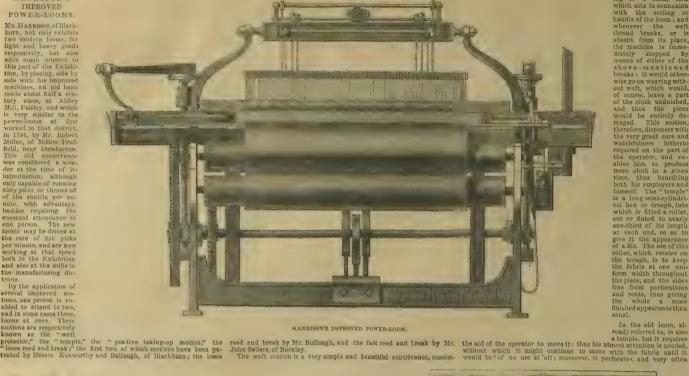
In our next we shall notice the flutes, of which there are a great variety, with the improvements introduced by Boehm; and the violins, of which there are some fine specimens.

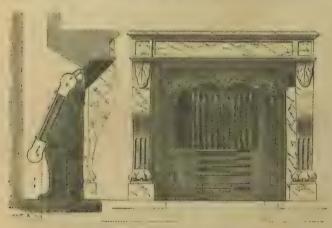
^{*} This identical gem afforded foundation for a story from the pen of Madame de Genlis.

ing of a small fork which acts in connexion with the setting or handle of the loom; and whenever the weft thread breaks, or is absent from its place, the machine is immediately stopped by means of either of the

HARRISON'S IMPROVED POWER-LOOMS.

MR. HARRISON, of Blackburn, not only exhibits two modern looms, for light and leavy goods expectively, but also adds much interest to this part of the Exhibition, by placing, side by side with his improved machines, an old loom made about half a century since, at Abbey Mill, Paisley, and which is very similar to the power-looms at first worked in that district, in 1796, by Mr. Robert Miller, of Milton Prufield, near Dumbarton. This old contrivance was considered a wonder at the time of first introduction, although confront of the shuttle per minute, with advantage, besides requiring the constant attendance of one person. The new looms may be driven at the rate of 220 picks per mioute, and are now working at that speed both in the Exhibition and also at the mills in the manufacturing districts.



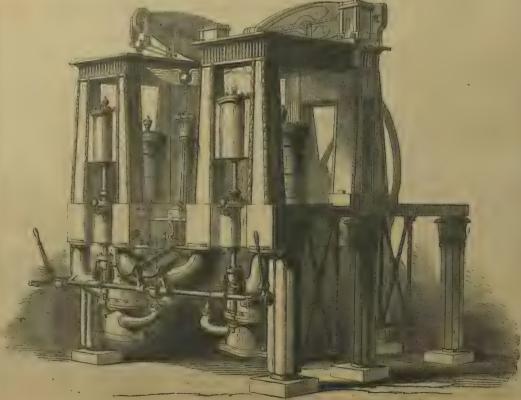


WARMING APPARATUS, WITH PRISMATIC TUBES,-BY FONDET.



tears the sides of the cloth.

The "taking-up" motion is introduced for the purpose of ensuring uniformity of thickness throughout the piece, and regulates the number of threads of wert in a given space, by the application of a small wheel containing a certain number of teeth or oogs, acting in connexion with three other small wheels and the cloth beam, which latter at one and the same time folds up the cloth num moves it so as to ensure the desired thickness throughout; whereas, without its use, the fabric may present different thicknesses throughout. The loose reed and



WARMING APPARATUS, WITH CURVILINEAR TUBES,-BY FONDET.

proved looms, not more than one-third the amount of cloth can be produced as compared with the workings of the new looms, although twice the amount of labour is raquired to make the control of the cont

MODEL OF A STEAM-ENGINE, -BY HICE'S, OF BOLTON.

AGRICULTURAL IMPLEMENTS.

RANSOME AND MAY'S CANE-TOP CUTTER.

This mackine is one of a number of valuable implements introduced by this eminent firm into the West Indies.



RANSOME AND MAY'S CANE-TOP CUTTER

It is used for cutting cane-tops for cattle, and is in high repute there. It has two knives, and cuts the cane into lengths of half an inch. It can be worked by one or two persons, and is constructed in the simplest possible manner, requiring no particular skill on the part of those who



GARRETT'S PATENT HORSE HOE.

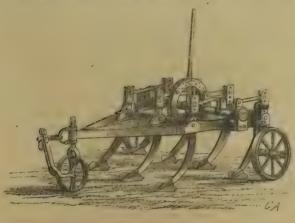
about six inches above the lower one, parallel with which, by means of a lever, it is moved backwards and forwards: this motion regulates the depth of the tines in the soil, without having to lift the frame of the machine, which remains always at the same height from the ground.

It is the invention of Mr. R. Colman, of Chelmsford, Essex, by whom they are manufactured.

BADDELEY'S FARMER'S FIRE-ENGINE.

BADDELET'S FARMER'S FIRE-ENGINE.

The frequent occurrence of fires in the agricultural districts has led Mr. Baddeley (whose name is well known in connexion with a variety of matters connected with the means of extinguishing and seesping from fires) to design a cheap and elicient engine adapted to the requirements of the farmer. It is exceedingly portable, as one man may move it from place to place. All the working parts are constructed to bear the roughest unay meet with on a farm, and any farm labourer may be taught in a few minutes how to use it. The valves are of metal, and not liable to derangement; but, should any obstruction occur, it can be re-

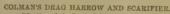


COLMAN'S DRAG HARROW AND SCARIFIER.

use it. It is made entirely of metal, to avoid the inconvenience and damage which occur to machines constructed of timber.

LORD DUCIE'S CULTIVATOR.

with the greatest precision, perfectly hosing the intervals without injury to the corn or plants. As much as from 10 to 15 acres per day may be hosed with one horse, a man, and a boy. The horse hoe offers peritoular advantage ever hand hoeing, besides saving of expense, as the work may be performed at the proper time; and as the hoes penetrate a greater depth, fresh life and vigour are given to growing plants, by stirring the mould around them.



COLMAN'S DRAG HARROW AND SCARIFIER.

This is a modification of the Ducic Cultivator, and is an excellent implement as a drag harrow and scarifier, eradicating all weeds and rub-bish from the foulest land; it is also efficient for opening, raising, and pulvarising the soil; and with different blades fitted to the times, it makes an excellent skim, to take off couch, &c.

The principal novelty is in the frame at the top being suspended



BADDELEY'S FARMER'S FIRE-ENGINE.

BADDELEY'S FARMER'S TRRE-NGINE.

moved instantly without disturbing any of the working parts of the engine. The branch-pipe is furnished with a spreader, by means of which the water can be made to act over a large surface, which is specially important in the event of fire in corn or hey-ricks, or weather-boarded buildings, &c. Worked by three men, the engine will throw a let of water between 50 and 60 feet in height, and, from the great rapidity with which it can be brought up and set to work, it will be found more efficient in arresting the progress of the fire, than ene of more powerful character at an advanced stage of the conflagration. Not the least part of the advantage to be derived from the machine, is the fact, that it will be equally useful as a liquid manure forcing-pump, and for a variety of agricultural purposes, as for the special object of extinguishing flame. They are constructed for the inventor, by Mr. Merewether, of Long-acre, which is a guarantee for their excellent werkmanship and general efficiency.



LORD DUCIE'S CULTIVATOR.

third. It is in this peculiarity that it differs from the ms similar description that preceded it: they all partock too mere harrow character, and had no claims such as Lord Duci called a cultivator. Their action was almost entirely confineding on the surface, while the Uley implement disintegrates so considerable depth, and does actually in a short time, if con properly used, quite change the character of the tilth. TI which it is raised out of the ground, and the plan by which



BARRETT, EXALL, AND ANDREWS' GORSE-BRUISER.—(SEE NEXT PAGE.)



GARRETT'S IMPROVED THRASHING-MACHINE, —GECTION,—(SEE NEXT PAGE.)

BARRETT, EXALL, AND ANDREWS' GORSE BRUISER.
The introduction of gorse as food for cattle is every day gaining round. There are times and situations when gorse is a most valuable ticle to cattle-feeders, its nutritious qualities being of the highest ass. Various noblemen and gentlemen have used it with advantage, and made a variety of experiments, always with satisfactory results, ore especially with milich cows and sileep.
The great obstacle in the way of general introduction is the dimitity of getting rid of the hard points or prickles in which the nutritive does of the pinst are contained. Until these are entirely destroyed, no imal can swallow it; though, when they are destroyed, any horse, w, or other herbivroous similal will est it with avkilty, and prefer it any other food, even though the animal may have never tasted it fore.



SEDLBOARD. BY WILKINSON,

GARRETT'S IMPROVED THRESHING MACHINE.

SIDEBOARD. BY WILKINSON.
This sideboard, in walnut-tree wood and pollard oak, is remarkable for its good taste in the design, and simplicity in the ornamentation. It is not often we meet with a work so unexceptionably well finished, with so little attempt at meretricious display.

sand, ten of carbonate of potash, and one part of charoool be melted together, a variety of soluble glass results, which, although soluble in hot water, is perfectly insoluble in cold. Used as a substuture for starch it is not affected by atmospherio dampness, and renders the fabries which it this compound present any aportal difficulties of manipulation, we are not practical laundress enough to determine. 'At any rate, its exceedingly valuable qualities should not be lightly forgotten.'

The varieties of glass used in the arts are exceedingly numerous, and are distinguished by marked chemical characteristics. As great present of the control of the control of the control of the control of the varieties of glass used in the arts are exceedingly numerous, and are distinguished by marked chemical characteristics. As great present of the control of the

CHEMISTRY.

CHEMISTRY.

(THERD NOTICE.)

The thousand spologies to the presiding genius of the Crystal Palace, whoever she be, for our great neglect in having omitted to discuss the chemical properties of her temple's lucid walls.

Gold was described in our last paper; and so, according to all received notions of chemical order—notions which, perhaps, should not be lightly set aside, silver, the precious twin-sister of gold, ought to come next. Impressed with this opinion, our ideas went wandering into those up-stair regions of the Glass Palace, where shine in such ostentatious splendour the elegant products of the silver-working artizans. But suddenly a thought occurred, that glass should be our theme; accordingly, it is on glass we proceed to write.

Glass has become very common now—applied to purpose of such variety, that pages would not enumerate them all. Sparkling on our door knobe, adorning our coalseattiles, furnishing vases, goldets, mirrors, chandeliers; preserving sound and in good order luquids of almost every kind—rom black draughts to champagne—from aqua-fortis to pump water. Ground into lenses, it reveals to us by the telescope the sublime water, the sublime revelations of minute created forms. Extended into threads and woven into cloth, it rivals the most gorgeous fabries of silk. Drawn into wire, it furnishes the best chronometer springs. Cast into pipes, it bids fair to rival, for common purposes, eartherware, iron, and lead; and, not content with glazing our window-frames, it threatens hereafter to usurp the functions of bricks, slates, and tiles.

Common though glass be now, there was a time when any one single vase, taken almost at random from the glass treasures of the Crystal Palace, would have rivailed in value the Kohl-Moor. The Emperor Nero gave for two cups with handles 6000 sesterili, a sum nearly equal to £00,000 of our money, in or let the reader imagine this large sum to be in consideration of the size of the vessels, for we are told they were very small.

slight; hence we need not marvel at the fact that Mr. Wedgewood, the celebrated porcelain manufacturer, produced an admirable fac simile of this vase in his own material.

Glass for the purpose of making windows was first mentioned by St. Jerome, about 422; and a century later, we are informed by Paulus Silentiarus, it was employed in the church of St. Sophia at Constantinople. Some will have it, that glass was made in our own island by the Druids long before the Roman invasion, but the assertion is very doubtful. The first authentic mention of the use of window glass in Britain refers to the year 674, when, according to the venerable Bede, the Abbot Benedict sent for artists from beyond the seas to glaze the windows of the common people, however, were not furnished with glazed windows until the 18th and 14th centuries.

The following entry occurs in the minutes of a survey of Alawick Castle, made in the year 1567—"And because throwe extream windes the glasses of the windowes of this and other my lords castels and houses, here in the country doth decay and waiste, yt were good the whole leightes of evere windowe at the departure of his lordshippe from lyinge at anie of his sade castels and houses, and dowring the time of his lordshippe subsence or others lyinge in them were taken dome and lade up in asfetic; and at sooch tyme as ether his lordshippe or anie other sholde lye at anie of the sade places the same might then be sette uppe for new with smale charges to his lordshipp; whereas now the decaye thereof shall be verie costile, and chargeable to be repayred."

For the history of glass this short sketch shall suffice; let us now direct our attention to its chemistry. Glass may be defined chemically to be a compound, transparent, uncrystalized siliccous sait. Yes, sait is glass; and if, reader, this expression startles you, your rurprise is not likely to be diminished when you are told that not only is glass sait, but so are bricks and tiles. In short, the substance which conditions are so many corresponding

excess of alkali, they converted them into soluble glass. Modern chemists have gone further than this—nothing being more common now than the conversion of flints into an invisible gas; but this gas does not come under our notice to-day.

Before altagether departing from the subject of soluble glass, it would be improper to emit pointing out a very useful purpose to which one warrety of soluble glass may be neglified; namely, as a sort of incombustible starch, for protecting textile tabries from fire. If fifteen parts of

THE MACHINERY IN MOTION.

THE MACHINERY IN MOTION.

It is allowed by mest persons, whose opinions in such cases are worthy of respect, that the British machinery presents by far the most important feature of the Great International Exhibition. And what a different aspect would have been presented in this department but for the mighty aid of steam. Indeed, when we look around at the countries objects of arts and industry dispersed throughout the Building, which have been theirly produced by the power of that wonderful agent, we may safely assert that but for the steam-engine, the Exhibition of 1 is a would never even have been thought of. In drawing the attention, there is, of our readars to the numerous machines in motion, which are actuated by a great variety of steam-engines, interspersed with the various manufacturing and other machines occupying a large area at the north-west portion of the Building, it may be as well in the first place to call to mind as briefly as possible the early history of the steam-engine, in order to show by what progressive steps it has arrived at its present almost perfect form. The origin of the application of steam as a prime mover is due to the Marquis of Worcester, who, while incarcerated, in the reign of Charles II., was one day struck forcibly with the power of steam, as evidenced in the case of the lid of his teak-ettle being raised up with great violence by the action of the steam; and that ingenious nobleman, who, in 1663, published his "Century of Inventions," describes his stayleshth invention thus se." This admirable method which I propose of raising water by the force of fire has no bounds, if the vessels be strong enough, for I have taken a cannon, and having filled it titree-fourths full of water, and shut up its muzzle and touch-hole, and exposed it to the fire for twenty-four hours, it burst with a great explosion. Having afterwards discovered a method of fortifying vessels internally, and contrived them in such a way that they filled and acted alternately, I have made the water spout in a

cession."

As in the case with so many inventors in our own times, so with the Marquis of Worcester nearly 200 years ago. He was wholly neglected, and, no doubt, by many despised, while others would consider him as a wizard, and unfit to be loose. The valuable experiments which this extraordinary nobleman had carried out as illustrative of the gigantic power of steam were entirely lost to the world for a long period, until, towards the end of the century, Captain Savary, well known at the time for his cientific acquirements, paid considerable attention to the expansive force of steam, and subsequently invented an engine for raising water by the power of that elastic fluid, for which he obtained a patent.

time for his scientific acquirements, paid considerable attention to the expensive force of steam, and subsequently invented an engine for raising water by the power of that classic fluid, for which he obtained a patent.

The French are apt to boast of their countryman, Dr. Papia, on account of his Dipester, as the inventor of the steam-engine. It is quite possible, however, that the two philosophers were simultaneously engaged in their investigations with regard to the properties of steam. Savary's machine consisted of two copper vessels—the one a boiler, the other a receiver—which were connected together by a pipe at the top, the pipe being furnished with a steam-cook for the admission of the steam into the receiver. A second pipe passed from the bottom of the receiver to a third pipe placed vertically, and passing from the well to the delivering elstern. Two valves were fixed in the well-pipe, one just below the entrance of the connecting pipe from the receiver, and the other just above it. The contrivance was completed by a fourth pipe communicating between the well-pipe and the upper part of the receiver; this pipe was also furnished with a cock, the key of which was connected with the steam-cook by means of a handle called a regulator. The boiler being charged with water, and a fire made beneath it, the water was made to boil, and the steam thus generated passed into the receiver, gradually warming. It. When the condensation ceased, the steam passed into the rising-pipe, the lower valve remaining closed by its own weight, while the apper valve was raised by the pressure of the steam, and thus the vertical pipe was warmed. Both cocks being then closed, the steam in the receiver returned to water, and the pressure of the atmosphere on the water in the well forced it up through the lower valve, and closed, the steam in the science returned to water, and the pressure of the atmosphere on the water in the well forced it up through the lower real pressure of the continual prise of the stame, in conjunction with

cost of fuel.in most parts of the country operated powerfully a the general introduction of the steam-engine; and the desire naturally existed on the part of those interested in the coonomy

of fuel, caused them to pay considerable attention to the construction of the boilers.

of fuel, caused them to pay considerable attention to the construction of the bollers.

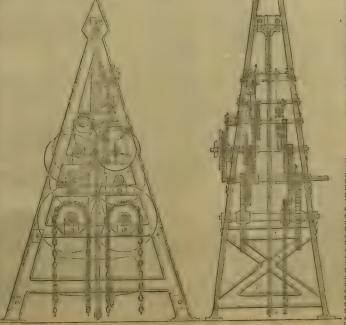
About 17%, the celebrated James Watt, at that time a mathematical instrument maker in Gilvegow, having to repair the working mysle of a steam-engine, had has attention closely drawn to the nature and propercian and the control of the

of inches for 383 feet, and, lastly, 4 inches for 428 feet; the last British engine supplied from the main being that of Mesers. Hawthorn.

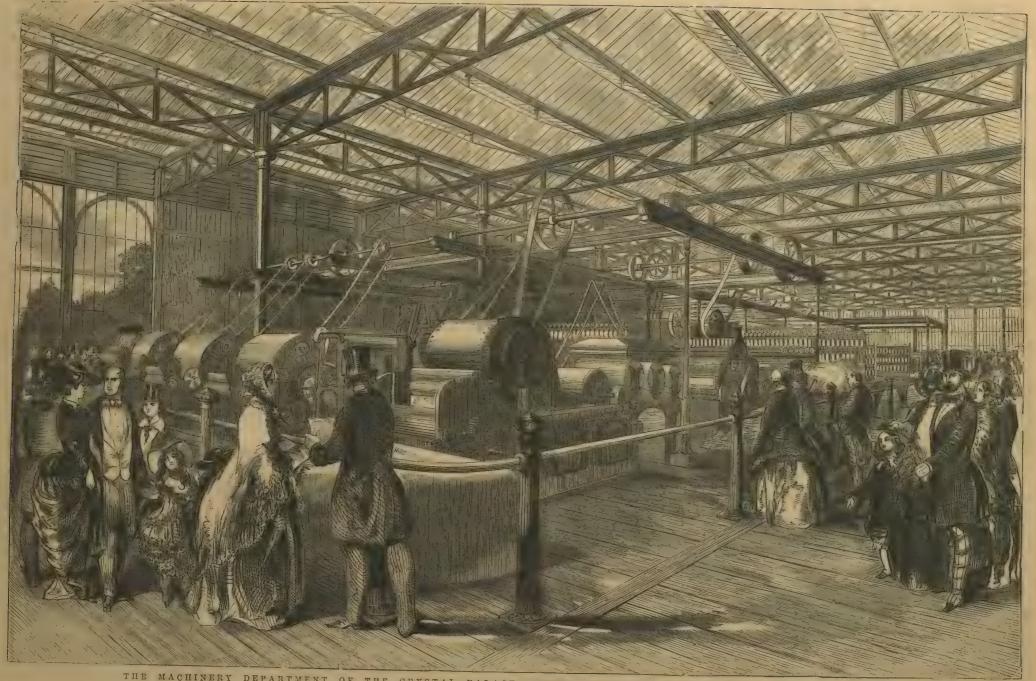
The branch pipes amount altogather in length to \$800 feet, varying peritroughout are olothed with a thick conting of fail, for two conditions of the peritroughout are olothed with a thick conting of fail, for two conditions, the peritroughout are olothed with a thick conting of fail, for two conditions, the peritroughout are olothed with a thick conting of fail, for two conditions, the peritrough of the summer of keeping for the whole, however, when by any mischance there is an overflow of waste, which takes place channel to about the level of the pipes. The exhaust pipe from each regime runs into a tunnel carried under ground without the boundary of the failding: the tunnel is 18 inches wide, and 24 inches high to the solids of the sum of the sum entered under ground without the boundary of the failding: the tunnel is 18 inches wide, and 24 inches high to the solids of the sum of the summer of the

(To be continued.)

THE ALPHA CLOCK. BY



THE ALPHA CLOCK .-- BY ROBERTS.



THE MACHINERY DEPARTMENT OF THE CRYSTAL PALACE .- MESSRS HIBBERT, PLATT, AND CO'S COTTON-MACHINES.

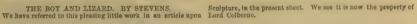
CARVED FONT. BY MARGETTS AND EYLES.



NYMPH OF LURLEIBERG.—BY ENGELHARD.—(SEE PAGE 252.)



GIRL AT THE SPRING .-- BY W. F. WOODINGTON.





BOY AND LIZARD,-BY STEVENS

STATUETTE—CARTON-PIERRE. BY GROPIUS.

This is one of the numerous statuettes in carton-pierre exhibited by Gropins, of Berlin. The subject is the Muse Melpomene.

GIRL AT THE SPRING. BY W. F. WOODINGTON.

This figure stands in the South Transept. Though by no means perfect, it is graceful in conception, and is fairly executed.



STATUETTE IN CARTON PIERRE.—BY GEOPH'S.



FORT.-BY MARGETTS, OF OXFORD.

THE UNITED STATES.

THE UNITED STATES.

We enter on the task of considering the contributions of the United States more in detail than in our last notice, with very little hope of seatisfying our sensitive Transatiantic friends. We shall be able to show that they have made some extremely valuable contributions to the general collection of useful produce and of useful implements; we freglishmen, as spectators, students, and eventual purchasers, are perfectly satisfied, but this will not satisfy them, for reasons which It will be much more fair and friendly to state than to blink. It is unquestionable, that, although the American public took very little pains to gather together either the greatest number or the most import, and articles which really are to be found in the North American Republic, the American press, according to its custom, so bewildered the parties about to exhibit with indiscriminating praise, that the greater number were filled with most unhappy notions as to the value of the Transatlantic part of the Great Exhibition.

According to popular opinion, as taught by their newspapers, the United States were to carry off the chief glories of the "World's Fair." The spread of this opinion was not extraordinary, when we consider that it was re-echeed by the journals of every city, every town, every township, every village, from Maine to the borders of Mexico, by writers who had probably never been out of the bounds of the dominions of the United States. Now, as in the United States every one reads the newspapers, and many read nothing cless, it was just as natural that the people should fancy they were going "to lick old worn-out Europe," as that our country gentlemen should fancy, as they did, that we Englishmen would having nothing worth exhibiting side by side with Continuent of the American papers, and many read nothing deep content of the American in a false position when they first visit Europe, in the extracts from an American newspaper circulated in a blue pamphlet, purporting to describe "the Greatle" of the ass

ns, must be finished with the plane and polished with

we may take this opportunity of saying that every country and extending annufacturing district which wishes its part in the Exhibition to be profitably remembered, should endeavour, before the close of the Exhibition, to publish a catalogue of its own contributions, with prices attached. This is not only needed as regards Belgium, France, and the United States, but Birmingham, Shelfield, and all places where they manufacture complete articles, would find it their interest to do the

INDIAN PRESENTS FROM HIS HIGHNESS THE NEWAB

INDIAN PRESENTS FROM HIS HIGHINESS THE NEWAB NACIAL, OF BENGAL, TO HER MAJESTY

Beyons entering on a description of these magnitioent presents separately, we may mention, that, about fifteen years ago, the father of the present Newab forwarded to his late Majesty, William IV., articles of a somewhat similar nature, and equally handsome with those of which we are about to speak. These were duly acknowledged, in a letter bearing his Majesty's signature, by the return of his Majesty's own portrait, and by conferring the Guelphic Order on his Highness—the last individual, we understand, on whom that order was conferred.

On the present occasion, it is exceedingly gratifying to know that the idea of forwarding these presents to her Majesty emanated entirely from his Highness the Newab Nazim himself, and that although, as in all such cases, the act required the sanction of the resident or political agent of the Governor-General, they would never have been sent, had not this spontaneous and loyal feeling originated with the young Prince limself.

of this spharaments are very misself.

From circumstances which it is needless here to mention, his Highness is Newab Nazim had not been in any way a contributor to the Great arbibition of Arts and Industry; and as, at the time these presents were not off, the period had expired which allowed of any articles being ansmitted to the World's Bazaar, the precedent in his father's case truck the Newab, and he acted upon it, in proposing to Mr. Henry forcers, the Governor-General's agent at Moorshedabad, that he might

WAX-WORK.

WAX-WORK.

The great glass behive contains a certain portion of wax. To this, in its artistic forms, as representing the productions of nature, we propose to invite attention.

The wax flowers in the Exhibition occupy a prominent and extended space. Their series of red labels strikes the eye almost immediately upon entering. They are in the North Gallery, over "Persia" and "Greece." A more graceful cluster of contributions to the great collection will not easily be found. Let us ascend the staircuse, and examine the hortus siccus laid out by a series of ingenious gardeners, otherly ladies. It is a little winter garden, arranged in anticipation of the intended Paxtonia. And should the idea of the great garden be carried out, and the colossal notions of the gentlemen who publish indignant and stimulating epistles be realised—if a cascade "rivalling Nisgara" is to pour from the roof of the North Transpept to the ground, "the large trees being rendered accessories to the magnificence of the prospect," and a hundred fountains in various parts of the Building are to be fed from the monster torrent, we think that in many of the thousand nooks and corners which will be created by the development of these bold conceptions, there will be an excellent and fitting place for a permanent display of the talent of our wax florists. If the projected garden be intended as something more than a beautiful sight, and if the science of botany is to be—as it easily might be—illustrated, progressively, in a way which has never been attempted before, the imitative art will necessarily be called in to complete many a chain of specimens. It will occur to our readers that there are vast numbers of trees and plants which it would be impossible to exhibit in a public building, having due repard to the comfort of those who are to frequent it. The magnificent palm-house at Kew is an admirable specimen of contrivance, and contains a noble collection; but for how many consecutive minutes is it possible for a person in ordinary health to endure

The feathery palm trees rise, And the date grows ripe under Eastern skies.

The feathery pain trees rise,
And the date grows ripe under Eastern skies,
is in Itself a reason for the comparative neglect for which the public
are, we think, unfairly, complained of as regards Kew. But, though
the actual cultivation of many exotics would be incompatible with the
proposed purpose of the Crystal Palace, there is no reason why such
plants should not be artificially represented. A most beautiful and interesting addition to the attractions and to the scientific advantages of the place
might be made, if those who are to have its arrangement would call a
council of botanists, and empower them to instruct Mrs. Peachey, Mrs.
Dorval, the Mesers. Mintorn, and the other leading artists in wax, to exert their skill for the due illustration of those botanic families whose
real representatives it will be impossible to introduce into the Building.
We commend this suggestion to the consideration of the authorities,
and, as precedent is everything in these days, we refer them to the
mineralogical department of the British Museum, where, that the diamond family may be adequately shown, we find real diamonds up to a
certain size, and then paste copies of diamonds which it is impossible to
obtain.

an isamity may be anequately shewn, we find real diamonds up to a stain size, and then paste copies of diamonds which it is impossible to sin. the art of modelling wax flowers is a very charming one; but a certain favour has attached to its practice by amateurs, on account of the eterious ingredients which the cupidity of trade has, for the sake of agness in production, frequently introduced into the material. But is merely one of the "accidents of commerce." as frauds are now itely termed, and its results may be avoided by methods are now itely termed, and its results may be avoided by methods only of the cleast tradesamen. We are informed, upon the best authority, that re is no necessity for the mixing one single grant diajurious matter to the material for modelling the most variegated of unquet that ever wed. And, this objection set aside, we hardly know a more elegant omplishment for a lady than the knowledge of this art. She must perpetually before her the most exquisite and fragrant production asture; the nunst atudy it with the same closeness of observation she swhen making water-colour drawings; and sie reproduces her ver with a cleanly and pliable material—the very type of plasticity d as her great-grandmother adorned her waits with gariands uses when making water-colour drawings; and sie reproduces her ver with a cleanly and pliable material—the very type of plasticity d as her great-grandmother adorned her waits with gariands in estry, our fair artist every day adds a new ornument to her apartitis, he has, in plebeian parlance, something to whom the production of the cycle of papas and husbands. We are apprised that the articles a lady requires to enable her to make wax flowers are a rof scissors not on tight in the screw, a small on powder, a lewite, and some sheet wax. This is not, all in powder, a lewite, and some sheet wax. This is not, all in powder, at lewite, and some sheet wax. This is not can be appreciated that the articles a lady requires to enable her to make wax flowers are a rof escisso

Into the cire and vellow leaf.

back to the wax pears and apricots, busily but steathtily trying to loarst a knife at the function of the glass. We watched him, with a faint hope that he would succeed, but his inconsed proprietor came up, and with a heaty swoop, and some extemporised comminations, bore him away. Mr. Down is responsible for that lade diguest at our coold institutions. And before passing from the wax flower group, we may add an expression of our regert, that differences of some kind prevented its including the very magnificent case and bouquet which had been prepared by Mrs. Peachey, one of the aritatis in wax to her Majesty. The stand itself, which, with its contents, was on private view, is, externally, more elegant than any of the cases in the exhibition, and the flowers would have yielded to ance in variety or brilliancy of int. The reputation of Mrs. We ought not to leave the Gallery without glancing at a large glass. case, before which there is always such a crowd of mammas and little equilibration of the wax-work in the Exhibition, in asmuch is a their contents of the case hardly come under the two heads into which which we propose to divide our examination of the wax-work in the Exhibition, in asmuch is they are not precisely either representations of the productions of nature, or of a group of the human family. They are, however, something between the two. The case consists of doils, endre, more a hadiles. They are by Madame Montanari, a name of which we shall have occasion to speak by and by. Certainly, it is impossible to conceive a more charming fairy court than is held in this minor glass profit in the productions of nature, or of a group of the human family. They are, however, something between the two. The case consists of doils, endrements of the figures and obless of a friend and the relative to conceive a more charming fairy court than is held in this minor glass profit of conceive a more charming fairy court than is held in this minor glass profit in the profit of the profit of the profit of the profit of the

Away, thou heedless boy: prepare the spear—
Now is thy time to perish or display
The skill that yet may check that mad career,

In another group the bull's last moments are approaching—the Mexican rival of the "great Montes" is modilating the death stroke:

And now the maladors around him play,
Shake the red clouk, and poise the ready brand;
Once more through all he darts his thendering way,
Vain rarge! the mantle quite the conying hand—
Wrapa his fleroe eye—'dis o'er—he sinks upon the strand.

Another, and a very well-imagined group, illustrates the period when the game is over, and the body of the slaughtered bull is being hurried away from the arena, that a living animal may take his place.

And steeds that spurn the roin, as swift as shy, Hurl the dark bulk along, scarce seen in dashing by.

And steeds that apure the roin, as swift as alsy, little the dark bulk along, acare seem in dashing by.

But these groups, excellent as they are, the fiery character of the scene being well preserved, and the dresses of the duaridor and the trappings of the horse being very elaborately finished, are by no means the most interesting features of the collection. These, we think, will be found in the Indian and slave figures. The Indians are particularly characteristic of the fierce and predatory habits of the people we hear fresh news of by every batch of American journals; but the mixed squalor and picturesqueness of the race will be best understood by these models. There is a kind of second Mexican Itolia, holding a white child high in air; only the sentiment of the situation is reversed, as the Indian is stealing the infant ("robbing" lim, the label states, but the dagger and attitude speak of felony rather than lanceny). And there is a scalping grapped by his victor, who has thrown him on his knees, and brandishes the glittering mile with a screecy of triumph. A figure of an exceeding limit is a standard of the property of the prop

shown—car-rings, finger-rings, watches, all are in the same state of miraculous completeness. What would, of course, be unworthy, if not impossible in the case of a work of pure art, is here most laudable. The
strists object was imitation, not idealisation, and he has carried out his
intention with extraordinary care and success. For a series of literal
transcripts, executed a merreille, we have not often seen anything equal
to Mr. Montanaria Mexican figures.

As we have said, England has nearly monopolised the wax-work of
the Exhibition. If, guided by the Catalogue, we wander through the
foreign department, where here and there light upon a solitary case of
flowers or fruit, but we do not discover much requiring mention, except
in the l'ortuguese department, where, in no very favourable place for
view, we find some "Waxen work, by H. Ferraz and sisters;" which
consists of some small cases of modeled fruit. apparently executed with
care, but not arranged in a way which does much justice to the fair
artists.

care, but not arranged in a way which does much justice to the fair artists.

It seems fair, at the end of such a notice, to remind such of our readers as do not take much trouble to find out things for themselves, that the "undoubted original inventors and artists in waz." are the only permanent occupiers of any part of the Crystal Palace. They are permitted to sleep there at night, and to carry on their avocations during the day, with constant liberty of ingress, egress, and regress, upon the arrangement that they do not intude into any other part of the Dallding than the commedious apartments appropriated to their use. These are at all times open to the examination of the public, and those who would like to see the manufacture and its adaptation, have only to ascend to the Gallery, at the extreme western end of which they will find some sheets of glass so arranged as to form a kind of little conservatory within the Building, but completely isolated from it, and with entrances outside the windows. That glass is, if the author of "Orion" will allow us to borrow the phrase, the "false medium which separates bees of genius from the public."

NEW WATCH-STAND. BY JONES.

This is a very pretty little article for the table or chimney-piece, afford-



NEW WATCH-STAND, BY JONES.

ing security for the watch, with facilities for presenting its face in any direction desired.

JEFFREY'S MARINE GLUE.

The marine glue is one of the inventions which have arisen from experiments made to attain in some measure the same object by different means. Messes, Jeffrey, Walab, and Co, exhibit in Class 6 a great variety of specimens of their marine glue as applied to various parts of vessels, in order to show the strength and tenacity attainable by the use of this important substance. Many years ago Mr. Jeffrey turned his attention to a process, by galvanic action, of producing copper sheathing suitable forst ships bottoms; but, after numerous experiments and considerable expense, finding the cost of production of the copper sheathing by his new process to be equal to that of the copper-plates for ordinary use for the same purpose, he abandoned his scheme. Nevertheless, his investigation on this important subject led to "the idea of employing resins insoluble in water as an effectual protection to ships bottoms." The result was the composition which is known as marine glue, and which is now so extensively used in the navy. It consists simply of three ingredients, via. contiboue, could naptha, and shellac, in proper proportions. It requires several days to dissolve the canotchous previously to the addition of the shellac. The various specimens of marine glue, which are placed towards the east end of the Machinery-in-Motion department of the Great Exhibition, are well worthy of an inspection.

The exceptions marked I and 2 are removed a little way from the

ect. he next specimen, marked E, is a block of deal about twelve inches are, with a surface gheed of similar extent. The wood was shattered out of the control of the control of the control of a shattered over the hull of a first-rate.

Short length of as,000 ions distributed over the hull of a first-rate.

Short length of a model mast, of about 8 inches in diameter, exded with ganpowder. Although the wood is rent, the splinters are



THE GUARDIAN ANGEL. -- BY VITTOZ.

THE GUARDIAN ANGEL. BY VITTOZ.

Amongst M. Vittoz's collection is a pretty little group, entitled "La Fortune et le jeune Enfant," which we have great pleasure in engraving.

GROUP OF SILVER, FROM RUSSIA.

(See Engraving on Front Page.)

(See Engraving on Front Page.)

(See Engraving on Front Page.)

The ornamental works in silver from Russia are chiefly contributed by two houses—those of Ignace Sankoff, of Mescow, and Theodore Verkhovzoff, of St. Fetersburgh. The style of Mescow, and Theodore Verkhovzoff, of St. Fetersburgh. The style of the workmanship and the design generally marked with good taste, being based mostly upon the examples of the best periods of European art. The group we have engraved is of works exhibited by the house of Sazikoff. The principal object is a large centre-piece, comprising a group representing Dmirt Donakof, Grand Duke of Muscovy, after the battle of Koulikoff, in 1380, which delivered Russia from the yoke of the Tartars, under which if had been oppressed for 169 years. The artist has chosen the moment when Prince Michael Tverskoy comes to an nounce to the Grand Duke, who, having been wounded, is reclining under a palm tree, that the victory has been gained. The figures are extremely well designed, and the general effect highly artistic. There are other smaller fancy subjects distributed in various parts of the glass case, such as a goblet representing a Cossack woman, another with a Finish hunter, a third with a milk-woman, and a paper press ornamented with a group of a danning bear with peasants, all characteristic and capitally executed. Besides these, are cups, some of the Russian, and various other subjects, which reflect great eredit upon the taste of the old Russian capital.

BRONZED GATES. BY THE COALBROOK DALE COMPANY.

THE NYMPH OF LURLEIBERG. BY ENGELHARD

All who have steamed up the Rhine know the precipice of Luriei, and its famous echo, which is supposed to repeat sounds fifteen times. There is some legend stateched to it, in which a nymph is concerned though at the moment we do not recollect the particulars. M. Engelhard, of Hamburg, amongst other contributions in the plastic art, presents us with an inspiration of this fanciful creation—a composition of some merit of design, and not desicient in grace.

COLLINGE'S PORTABLE STEAM-ENGINE.

COLLINGE'S PORTABLE STEAM-ENGINE.

Messrs. Collings exhibit in the "Machinery in Motion" Department a five-horse portable direct-acting high-pressure engine, in which we find great simplicity, owing to many of the reciprocating parts usually observable in engines being dispensed with. In this engine, the piston, with its vertical rod, which works in guides, acts on the crank by a connecting-rod, and the slide and feed pump receive their motion from eccentries on the fly-wheel shaft. The reversing gear is of a novel description, enabling the engine to be worked in either direction with equal effect, so that this part of the machine may be applied with advantage to marine and also locomotive engines.

The frame-work is of nest appearance, entirely without ornament—solidity of material and economy in construction having been keptin view in forming the design.



STATUETTE OF AN ANGEL --- BY GROPIUS.

has also a very handsome display, though of fewer works, including a bas-relief in silver on a gilt ground representing the descent from the cross, chased by hand; and another representing the Crucifixion, Prophets, and Evangelists, also chased byhand, in the old Byzantine style, and intended as an upper cover for the New Testament.

STATUETTE OF AN ANGEL. BY GROPHIS.

The productions in papier maché, paper, and stone, by Gropius, of
Berlin, exhibit great variety, and
considerable applicability for building decoration. The figure of an
angel, which we engrave, is
bronzed, and is appropriate for a
niche in a church.

CANDELABRUM, &c. HARVEY AND CO.

AND CO.

This candelabrum is extremely fanctful, and pretty in design. It is composed entirely of shell-work, mineral plants, and water. The principal figure is that of Venus, on one side of whom is a syron singing her lover; on the other hand is another of the same class of beings, extwened in a net, who is presenting the Goddess of Beauty with a string of coral. On the stem is a young triton covering her with pearls; and on the summit a Cupid shooting at every heart. The workmanship is very careful, and the whole has a pleasing effect. The silver ewer of antique fashion, and the mug, which is silver gilt, of the cinque-cento style, are both very beautifully executed.

WALL DECORATIONS IN CAN-NABIC. BY ALBANO.

"Cannabic" is the name of a new preparation from hemp, intended to supply the place of papier maché and carton pierre, invented and patented by M. Albano, Whilst, perhaps, it has not quite the softness of surface of the former named materials, it has the advantage of great durability and of quickly drying. It was first used by M. Albano in the decoration of Covent-garden Theatre.



CANOFLABRIAL &C. BY HARVLY AND GRAVHURST,



CANNABIC.-BY M. ALBANO





STOVE .- BY MESSRS. CARR AND ROBERTSON, SHEFFILLD.

COTHIC CLOCK,-BY TAHAN, PARIS.

STOVE. BY ROBERTSON, CARR, AND CO.

This is a very handsome stove—simple, but effective in style, and of admirable workmanship, by Robertson, Carr, and Co., of Sheffield. The upper part is of cast iron, the grate of pollshed iron or steel.

GOTHIC CLOCK. BY TAHAN.

M. Tahan exhibits a clock, inclosed in a small Gothic turret, in carved ash, which is very creditable as to workmanship, and will be appropriate for fixing in any part of an old-fashioned house.

WALL STOVE. BY JEAKES.

This production, placed in the centre of the east side of the Nave, is a pendant to one which has already appeared in these pages. The pair are among the best specimens of our inventions for creating artificial heat, as far as regards external appearance; and, without doubt, the glitter and cheerful appearance of this example will be preferred by many to the more laboured work in bronze of its companion. Each, however, must stand upon its own merits; and for the abovementioned qualities this subject is inferior to none.



ARTIFICIAL STONE.—BY RANSOM AND PARSONS.

ARTIFICIAL STONE. BY BANSOM AND PARSONS.

The artificial stone and marble produced by Ransom and Parsons, of Ipswioh, exhibit all the essential qualities of hardness, colour, and surface. The various objects which we have engraved show the applicability of these materials to all descriptions of building and decorative

FIREPLACE AND VASE. BY THE LADYSHORE TERRA COTTA COMPANY.

The Elizabethan fireplace and the vase which we engrave are very creditable specimens of the taste and finish displayed in the works of the Ladyshore Terra Cotta Company.



HALL STOVE.—BY JEAKES, GREAT RUSSELL-STREET.



FIRE-PLACE AND VASE.—BY THE LADYSHORE TERRA COTTA COMPANY.

CAPRICES OF INVENTION.

INDUSTRY is one thing, and caprice is another, and a very different thing. In like manner, we may say that ingenuity is one thing, and whimsicality another; persevering good-sense one thing, and persevering folly a very different thing; so of workmanship and the production of a useful article, when compared with a prolonged waste of human labour in concocting and finishing a trifle, a toy, or an absurdity. These things all involve a different species of effort and result, and call fer a very different corf estimate.

in concocting and finishing a trifle, a toy, or an absurdity. These things all involve a different species of effort and result, and call fer a very different sort of estimate.

Amidst the innumerable examples of well-applied labour in the Great Exhibition, so many of which we have already chronicled, and so many more of which yet remain which merit notice, and shall obtain it as far as our space will permit, it must, nevertheless, be confessed that there are also a considerable number, amounting, indeed, to a motley variety of srticles, in the construction of which we are bound to say we consider that much thought, and yet more labour, have been grievously misapplied.

Foremost amongst these we must place Count Dunin's "Man of Steel." This is a place of mechanism, in the figure of a man, which is constructed of seven thousand pieces of steel. Most of them appear to be either springs or slides, and they are so put together and arranged as to be capable of a graduated movement, by means of which the proportions of the whole figure may be expanded from the standard size of the Apollo Relvidere to those of a Goidah. From these colossal proportions it may again be contracted at pleasure to any size between this and its original standard, as now displayed. The only utility we have even-heard suggested as derivable from this elaborate piece of mechanism, is it applicability to the various measurements of army olothiers ortalors, as it would serve for the figures of men of various sizes. We do not know whether this is the purpose assigned to it by the inventor, as it seems a very absurd one, the same result being far more easily attainable by the incomparably more simple means of half a dozen dummies, or wooden lay-figures.

Dr. Grav, of Perth, has invented a medical walking-staff, containing instruments, medicines, and other professional articles. Would not semall tin case, or a sandwich-box, have answered the same purpose far Lecter, and far more conveniently, as it might be put into the pocket, where the "medicines

instruments, medicines, and other professional articles. Would not small the case, or a sandwich-box, have answered the same purpose far better, and far more conveniently, as it might be put into the pooket, where the "medicines," not being half so much "shaken" as in the walking-staff, would have less chance of fermentation or other injury.

Mr. W. Chamberlain jun,, of St. Leonards, has invented "a machine to record votes." Surely, this might have been accomplished equally well by a more simple and well-known process, which has generally been proved to answer all purposes in this sace, vis. by a pen and ink-or, it secrecy were required, by a ballot-box.

An "artificial alive more surely to their but it strikes up, that, as all artificial noses, both in shape, size, and the amount of nose required, will depend upon the amount wanting by an individual, and the size and chape, in fact, suited to his particular case, the material also of which the nose was manufactured would very often have to be regulated by the special circumstances.

Art-manufactures in mutton fat are certainly a novelty, and Mr. W. E. Hall, of Bideford, exhibits a "a socie, or kind of vasa," made of a mixture of mutton fat and lard. We should fast that in a hot summer, or in a cold winter when a good fire is needed in the room, these articles would be extremely lable to a change of form not at all contemplated by the inventor; may, there might be occasions on which they "Mr. Mclintock has, however, been surpassed by a leutenant of the nazy, whose name has excaped us, and which we do not know where to look for in the Catalogue, who has achieved the earner sult from a blook of wood with the help of no other tool than a penkife. Will anybody endeavour the cysters into raps in the operation; we hope not; but Messrs, Brown, of Newcastle, will casue not only the summer, of the surfacing with a pin? We do not very well know what to say about the "do stracide," the intermental has penkife. Will anybody endeavour the cysters have been supposed by a leu

rl:
a similar class to the above, in egregious ornament, we rank the most splendid of the Oriental saddles, several hich are so thickly embroided, as to present a positive basof a very rough kind. It would almost need a suit of are, or at least a wonderfully thick leather liming to the seat of the unitonables, to enable a horseman to ride with such a saddle for an without being horridly chafed, if not flayed, by the amount of

hour without being horridly chafed, if not flayed, by the amount of friction.

The Chinese have long been famous for their caprices of invention, and whimsicalities of workmanship, over each article of which the greater portion of the lives of several artisans appear to have been expended, we find exhibited here some of their celebrated ivory balls, richly carved outside, and containing another, a size less, inside, richly carved also, with open-work, to show you, that there are balls within balls to the extent of twenty or more, each out clear of the rest, and carved, and capeble of being turned round—the whole of these being produced by means of a variety of curious tools and instruments, out of the first solid ball. This, they assert, nobody else cam do; and it may be true, for the Chinese are capable of wasting any amount of time upon any triviality. It has sometimes occurred to us, that they may have discovered a certain ivory cement so strong as to be carved upon, and so exactly of the colour and character of ivory as not to be distinguishable; and if so these balls, instead of being all carved and hollowed from the solid round, may each have been cut in two, which, would render the entire process easy in comparison, or at any rate would robit, unfortunately, of the greater part of its difficulty. But this is only a speculation; we

admit that we have never been able to detect the sign of a Joint, and we never heard of one of their balls coming in two pieces, or even showing an artificial crack. But the Chinese are not the only people who have a love for difficulties, for the sake of the unnecessary labour and time they involve, which gives the article so much additional value in their cyes. If Quang Sing, of Canton, carres and engraves upon peach-stones, and makes baskets and boxes with the stones of apricots and nectarines, Mr. Jacob, of Coventry-street, displaye egg-shells with carvings and engravings upon them, and "views inside." If Shee-king, of Macco, delights in wasting his own life, and the lives of others whom he employs, in carving a nest of ivory balls out of one solid ball, instead of obstaning a similar result (if the world mass have these toys) by the regular tools and simple means of ivory workmanship, we find several of our own countrymen equally assiduous in substituting a sommon penkinfe in order to perform operations which proper tools would effect far more seems, in fact, a sort of mania for this penkinfe-work. Mr. Aston, of Chelsea, executes a model of St. James's Church South, in cardboard, with a penkinfe in Mr. Dickenson, of Waterloop-lace, a model of York Minster, each in cardboard, and each employing no better instrument than a penkinfe. M. Schnitzer, of Jerusalem exhibits two vases carved out of a species of sandstone found in Jerusalem, with a penkinfe world was "an ordinary penkinfe."

In the windows of most of the great cutlers of London may be seen knives with an extraordinary number of blades, of all sorts of shapes and size, others 100 blades, and one or two of them, we feel assured, cannot display less than 400 or 500 blades. To accomplish this capriculous feat, the inventors are always obliged to have recourse to a strangely thick handle, of an utterly impracticable kind as to all handling: and in the glass case now before us will be found, one in the shape of a cross, thus combining four handles, each o

inch long, and of a quarter of an inch long; and, by way of completing the wonder, there are twelve pairs of miniature scissors, placed in little brass scales, which show that the whole twelve only weigh half a grain. They require a microscope to be seen properly, when it becomes manifest that they are perfectly formed scissors. We suppose Mesers, Rodgers would say, in explanation of all this fancy-work, that the use of it was to show the world what Sheffield could do, not only in work, but the state of the seen of t

A cranking-guess is exmotice, with a partition for soda and acid, to be mixed separately, the junction of the two streams effecting combustion only at the moment of entering the mouth. Few people could "stand this" we should think.

The model of a ship is made with bottle-corks, and rigged in the same fashion. The object of this we eannot fathom.

Mr. Closcene, of Holborn, exhibits a model made in clder pith; and Mr. Clifford, of Exciter, displays models made "of the pith of the common green rush;" which he carefully informs us is such as is "used in Langer and plain.

In the result of the strength of the common green rush; which he carefully informs us is such as is "used in Langer and plain.

In the result of the strength of the common green rush; which indicates that am operation requiring great power is about to be displayed. The skill of the artist in the design and in the arrangement of light and shade cannot be such as the sign and in the arrangement of light and shade cannot be such as the s

let them go and look at this table.

Now, we are well aware that a thousand reasons may occur to the minds of the inventors of these curiosities, whereby they may peranade themselves that what we have called "caprices" are so many instances of genius; and a thousand letters might be written to us with a view to set us right in this particular. But this would be merely adding to the waste of time. It is not a question of argument, but of fact. There are the articles now to be seen in the Great Exposition; and those who are interested in the point can go and inspect them, and then ask themselves, "Are they useful?" We acknowledge their elverness—in some cases, their extreme negenity; but there we stop.

CLOCK. BY SUNSE FREERES

CLOCK. BY SUSSE FRERES.
This time-piece, intended for a chimmey-piece, is in bronze. Above is a figure of sappho; and on either chimmey-piece, is a figure of sappho; as no control of the same and the same control, and, allogether, an elegant drawing room ornament.



CLOCK. BY SUSSE FRERES.

MR. CATLIN'S INDIAN FAMILY AND ITS MANUFACTURES.

MR. CATLIN'S INDIAN FAMILY AND ITS MANUFACTURES.

A MUSEUM OF MAN IN THE EXHIBITION.

SINCE our first notice of the Aboriginal productions in the Exhibition, Mr. Catlin has brought the articles here mentioned out of his famous Indian collection; and unquestionably these almost solitary specimens of Indian industry make us largely Mr. Catlin's debtors. Their completeness so amply compensates their paucity, that he may be fairly said to have obliterated the neglect of others, in not eagerly soizing this happy occasion to display Aboriginal merit. The truthfulness of expression in the quiet features and attitudes of these two Indians proves how well Mr. Catlin has studied a race which may make his countrymen great in sculpture by its abounding in "models only equalled in Greece;" and his judicious observation of this fact is gloriously supported by the contribution of Hiram Powers to the Exhibition.

These few signs of the occupations, the tastes, and the affections of the denizens of America will not be among the least suggestive of the cheering subjects in this great assemblage of man's works. The well known enterprise and ability of Mr. Catlin need no new encoming that how enterprise and ability of Mr. Catlin need no new encoming that how enterprise and ability of Mr. Catlin need no new encoming that how enterprise and ability of Mr. Catlin need no new encoming that how enterprise and ability of Mr. Catlin need no new encoming that how enterprise and ability of Mr. Catlin need no new encoming that how exhibited.

Here is the stoic of the woods, calmly witnessing the marvels of many

little group he now presents to us is far too remarkable in itself, and in the bearing on the fate of 20,000,000 of our coloured fellow-creatures in North and South America, to be simply enumerated among the things exhibited.

Here is the stoic of the swoods, calmly witnessing the marvels of many lands, in some of which he has himself been an object of wonder. He is the type of the warriors, who, with a handful of brave men, have for three centuries made head against the enormous odds of European discipline and power; and who, in these latter times, have not in vain stood up against millions of unerupulous, but miscalculating invaders. Nobly indeed stands he here in the breach, to tell the civilized world that the alleged mecessity of ruin to any branch of the human race is not only an unholy paradox, but the allegation betrays the grossest contempt of facts and a glaring ignorance of history. He does better in simply appealing to the tenderest affections of the heart, by asking sympathy for his people in the person of his child. He also callists our reason in favour of his race, by pointing at the Indian mother's ingenious and laborious handwork which mantles the girl.

Who can reflect on the story told by this group without a pang, at the cruel impolicy of leaving such germs of civilization unprotected and undeveloped?

We are unable to destroy the brown man every where, willing as we are to do it; and after all the horrors perpetrated wherever white men have gone, that brown man is more erect before us than ever.

Mr. Catlin's chief here tells us how we may mend the melancholy past in this matter. We must treat the less civilized races as we would ourselves be treated, and bring them within our kindest community of social sympathies. So much is taught in the portraiture of the Indian's child.

Furthermore, the curious and useful clothing of them both; their gay ornaments, and rude historical symbols, shew how stendily, and pleusantly, and reflectingly, too, the Indian's leisure can be employed.

Dress of the Chief?—Deer-skins, with Deautifully tinted porcupine-quilis, and scalp locks. The head-dress is constructed of war-eagle quills, and scalp locks. The head-dress is constructed of war-eagle quills, and ermine, surmounted with buffal to horns, cut thin and polished in the way usual with the Jews. The necklace is made of the grissly bear's claws; a lance in his hand, and a quiver and bow are slung at his back. His tobacco-pouch, of otter's skin, hangs across his arm. His mocassins are of deer-skin. Dress of the giv'l—Dressed skins of the mountain sheep, which are softer than deer-skins. Mocassins, or beaded boots. Wampum or necklace and ear-rings of the bivalve fresh-water shells, and necklace of elks' teeth, which are rare.

Of the numerous articles on the person of the Chief and his daughter, it will suffice to select one for special notice.

This is the woollen robe of white, yellow, and black colours, on the girl's shoulders. It is manufactured by several women, of the wool of the wild sheep of the Rocky Mountains, a thousand miles beyond the limits of civilisation. The work is many months in completing; and justly is the challenge offered here, as Mr. Catlin himself is known to have often made it elsewhere, to discover the secrets of this curious work. or for the looms of England to copy this truly splendid fabric. Its dyes, its texture, and its symbolic figures, are all studies. For strength and for warmth, it is perfect; whence its teaching and origin, are great mysteries—whether connected with the labours of the sisters of fate of classic articulty, or with those of the weird sisters of the north, are points alike obscure. The identity of this Western industry with that of the East will not fail to strike every observer, and it is carnestly to be looped, that may of the hundreds of thousands

with what might be assembled here. Mr. Catlin's collection should be tought for the Crystal Palace; and thus, with many others of a like haracter, be saved from dispersal. Thus would be realised the idea of Museum of Man, so brilliantly exemplified in Captain Shippard's large storical map, for the purpose of popularising the lessons of humanity o our fellow-men in every clime. Lectures on the whole subjects, specially on an improved international code, should be read in these thmographical galleries, to all the schools in turn, as well as o the public at large. History and descriptions of manners might has be brought to bear particularly upon questions of policy; and what the product of the product of the product of the control of the product of

g them.

e would be found a frequent attendance of the Indians from tea, the native African, the Hindoo, visitors among us; and a sohool dorn languages might with care be formed in a winter garden of tunal spring. Mr. Paxton has not yet directed sufficient attention s element of high utility in his famous design.

LETTERS FROM LONDON

THE GREAT EXHIBITION AND OTHER MATTERS-BY PELEG E. WHEELER,
WITH AN INTRODUCTION BY BAYLE BERNARD.

(Continued from page 136.)

LETTER VII.-TO DR. HIRAM TUCKER, MOUNT CLEAR VISION, PENOSSCOT.

THE EXHIBITION—ITS RELATIONS—FIRST IMPRESSIONS AND GREAT CONTRASTS
—SAXON AND CELTIC—FIRES AND PRITERED BACES—SPECIAL FRATURES AND
DISTINCTIONS—CHINESE, INDIAN, BUSSIAN, GERMAN, ENGLISH, AND AMERICAN

THE EXHIBITION—ITS BREATIONS—FIRST IMPRESSIONS AND GREAT CONTRARS AND DESTINCTORS—CHINER, INDIAN, RUSSIAN, CERMAN, BNGLEM, AND AMERICAN—CONCECSION.

RESPECTED DR. TUCKER,
WHAY'S a man to do when he ought to talk and can't—when he's so full he can say nothing—when he's so wise it makes him stoopid—when he's so full he can say nothing—when he's so wise it makes him stoopid—when he's got a lump of gold in pocket, and not a cent by way of currency? If you choke a stream in that way, of course it overflows; and if you stuff a skin, you bustit: but it aints so with the brain; its door seems to open innerds, and the more it's packed the more it seems to jam the latter fast. I vow if 'taint my own case—if I aint in a most uncommon fix, Doctor; if I aint as bad off as a fox with a spring trap in his gizzant. You know what was my business here, to see the Exhibition; that was my chief each. Whatever I saw besides, the old country and the folks in it, and the grand old mammoth capital, my real and special purpose, not only from our townsfolk, but all the intellect and enterprise, I'msy say, of our State, was to give a full and true account of the world's wonder in the Park—a clear plan of the Building, and a list of its contents, that should sarve as a public dokyment for libraries and archives; the substance, size, and vally of every article exhibited, with names of owners and of purchasers up to my latest writing. And how have I proceeded? Why, I accordingly tooks a lodging as near to the Warehouse as I could; and here for a hull month have I been going to it daily, for nine hours at a spell, winding my way about it with my eyes upon the stretch, jist as prying as a weasel and as supple as a make; taking every section on't, long and cross and sideways, middle path and side ones, courts, and tents, and galleries; pulling round by this post and mooring by that counter, climbing up one staircase, and diving down another, 'till I yow if I believe it's got an implement or fabric I aint. Squinted to the path of the path of th

wink, its great beauty and distinction, that it seems to combine within itself the scheme of a complete industrial system, only the elements, at present, scattered over a hundred courts and counters?

And now, what was my first impression when I entered the Peace Pelace? I've already spoke about its substance, its shell of glass and iron, and said I held it to be typical, denoting the strength and clearness that our speahy stand in need of; and I spoke also of its form as carrying out this notion, being low, and firm, and practical, taking a good hold of the nirth; but there was another fact that struck me to be as pleasing as the rest, and, you'll see, jist as appropriate, and that is, its direction. It lies from east to west, Doctor, which, as you know is the path of progress—the direction it has taken from its rising in Chalea to its meridian in England, from the plains of Shinaar, all the way to the praries of Winconsin. Westward it has moved allers, and westward 'twill continue until it has gone clean round the globe, and reached its point of starting—'till it has spread its light and interty through the last abode of savageness. So you see this Mr. Paxton has got some clever notions, and here was the ground of one, as good almost as that of the show itself. But now comes the litch, Doctor; how do you think it has been carried out? As the Building contains products from all quarters of the globe, they aint, of course, upon a level—some are forrerd, some are backard. Here's Toonis, Turkey, and Chiny, making and using at this moment all the implements and fabricks that were in wear among the Patriarchs. When you look at their contributions, you see and, and amell hot air. There's a desert right afore you, and lazy camels lounging over it, jist as the whole world used to lounge when time was of no vally; and here's England and Ameriky, with their steam and rail and telegraph, showing what the world requires in the ery we've got up to. Now, you see that these him now in manheod, in the times and lands we live

aman that thinks it not only a cuss and stain upon our country, but 'twill one day be its ruin, if 'taint pretty soon got rid of, it's him agin jist mentioned. But, at the same time, let's be just, Doctors slavery aint confined to skin; there's plenty on it in Europe—millions there of white men, as much degraded as our blacks; so the clear course for a man is to hate it under all forms, and wherever he indis it lurking, in whatever skin or country. And arter its first offence, its great sin agin humanity, what is it we should hate it most for? Why, its obstacle to progress. When you make a man a slave, 'taint only he's no more a man, but he ceases to live for men—he lives only for his master; he's an animal that's only useful to the hand that holds the whir, and only lives for food and slumber; the world then loses all the good that would have come out of his freedom, that's heen cruahed in his mind and energy—and here's a signal proof on it. What has the slave sent to the show? raw produce, nothing more; jist the product of hand labor. And who is it that's filled its space with all its brainwork, use, and beauty? who but the freeman, Doctor? the freeman, who works for all humanity?

And now, to finish off with jist a look all round the Warehouse, and a word on what I think the speshal feature of each sample; and s'pose we besin wi' Chiny, sa that's the oldest country—Chiny, that has sllers been first-rate for making puzzles, and that we have silers said, Doctor, was the biggest one itself. Now ann't the pictur in their teaups an image of the people? Three fellers on one leg going over a bamboo bridge, which is the very thing they were doing five thousand year ago, and there they're at it still, and harn't got over yet. Aint that the Chiny mind—a look of motion, but no progress? skill, and sense, and industry, all wasted upon trifles? Don't they still go on cutting twenty balls within one another? making lamps like scooped out pumphins, and Chinymen to shake their leads, as if at their own inventions? Aint thes

considered the fighting man's grand ancestors—the models, for the most part, of all true martial heroes. So you see these skins were wanted as a piece of fillall reverence, and sarve, as I consider, to stamp the whole collection.

We'll next move into Europe, and take its two big empires, Austria and Rooshy, and what do we see there? a mix'd look, not a doubt Implements and fabrics, both for human good and injury—and skill, and taste, and energy employed in both directions, but the good in 'em the least part, and that not meant for many, but shown in things of luxury for the enjoyment of the few; and the cause on't is apparent. Here Europe herds her white slaves, men fettered to the soil, and bought, sold, and worn out with it, at their lord's and ruler's pleasure. This explains the curus mixtm' of these grand Imperial samples—the good was produced spontaneously, the bad to please their rulers; the man worked for his fellow-men, the bondaman for his master. This the white slaves' contribution; and moving westward to North Germany, to France, Switzar-land, Belgium, there we see mind spreading like the light and heat of samahine. We see the collections rising both in use and human feeling, growing good and beneficial, and at the same time universal, not for the sarvis of the few, but for the use of all humanity; till at last we come to England, the great head of Eastern progress, and behold here is the great triumph of fraternal contributions?

Yes, Deacon, it's a fact, in the friendly fight of the Exhibition, England's won the day. In this race between all nations she has carried off the prize. Measured by the interests and demands of human welfare, her collection is the jam—the top notch of the whole, first in all the preter, because the fault is all our own. Everybody knows that we've a flood of first-rate notions in every field of science which we have been such fools as to keep at home. And what's the consequence? Why, of course, that we're valied at our own estimate; and the poorest crittur of a European ha

Your faithful friend and servant,

PELEG E. WHEELER.

GREATOREN'S HOISTING MACHINE. CLASS 5, No. 415.



SIDEBOARD .-- BY FOURDINOIS.

SIDEBOARD. ARD. BY FOUR-DINOIS.

which is undoubtedly
the best pieces of
furniture sent for
xhibition, deserves
lar attention for the
t which has been

It is to be regretted that anxiety for brilliancy of effect has caused the introduction of side brackets for lights between the figures; now the middle division is lighter than the lower and upper sug-z, and the top is heaviest of all.

FURNITURE. WEBB, BOND-STREET.



FURNITURE .- BY WEBB, BOND-STREET.

